SPECIFICATION

Amphenol P/N	Antenna : WT5907-16-001-C NFC : WT5907-12-004-C
Wistron P/N:	Antenna：025.90288.0001 NFC：025.90285.0001
Ant. Type (PIFA)	Ant 0, Ant 2, Ant 3, Ant 4, Ant 6, Ant 7, Ant 9, Ant 12
Ant. Type (Coupling)	Ant8
Ant. Type (Monopole)	Ant 1, Ant 11
Ant. Type (Loop)	Ant5, NFC
DATE	2022/09/13
DATASHEET REVISION	00
Manufacturer	Amphenol Taiwan Corporation

Amphenol Taiwan Corporation			
RF ENGINEER CHECKED	**MECHANICAL ENGINEER CHECKED**	**R&D MANAGER CHECKED**	**PRODUCT MANAGER CHECKED**
Ethan Huang	James Lin	Tommy Huang	Caven Yeh

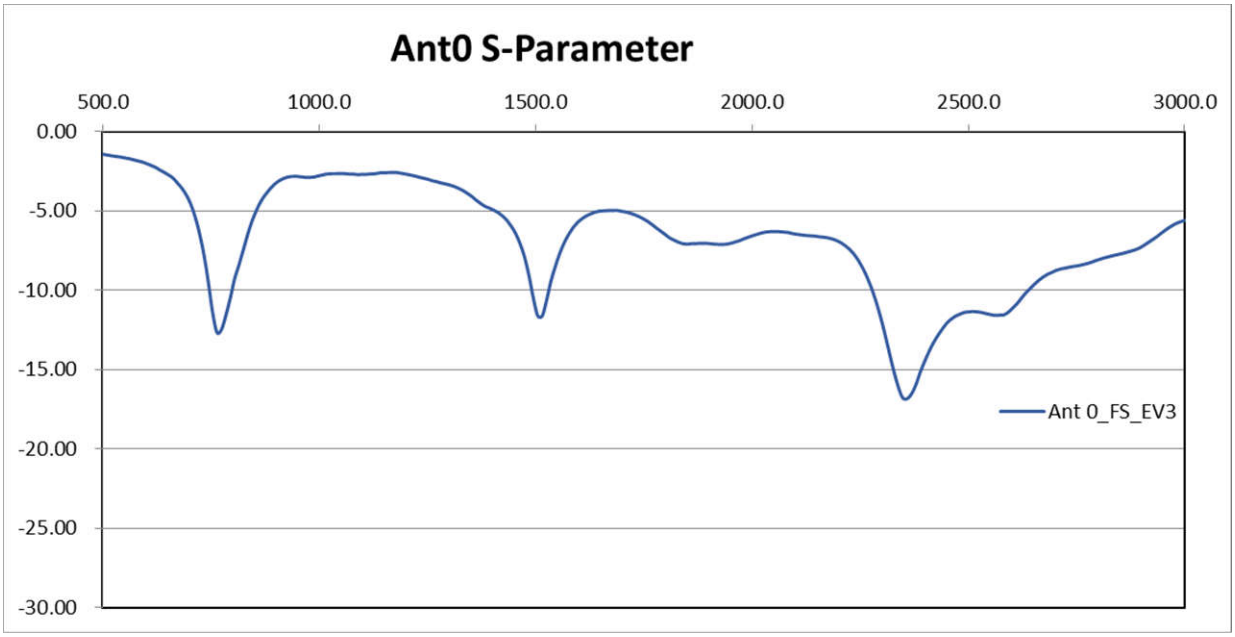
安諾電子股份有限公司
Amphenol Taiwan Corporation

Amphenol Taiwan Corp.
No.71, Ln. 956, Zhongshan Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)
Phone : 886-3-3786960 Fax : 886-3-3786955

- Description

Frequency Range	617~803MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	1.65dBi @ 756MHz
Antenna type	PIFA
Process	LDS

- S11 of antenna 0

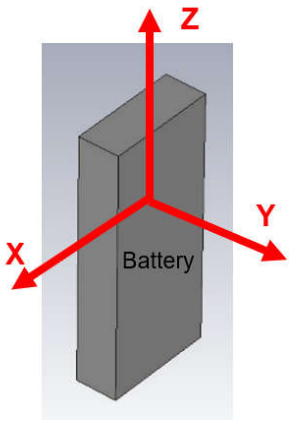


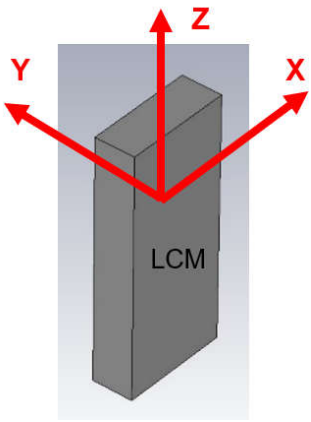
- Antenna 0 Gain:

MHz	Average Gain (dBi)	Peak Gain (dBi)	MHz	Average Gain (dBi)	Peak Gain (dBi)
Ant0					
617	-12.57	-5.41	717	-5.68	-0.26
635	-11.37	-3.00	722	-5.26	-0.29
640	-10.92	-4.77	725	-4.97	0.13
645	-10.19	-6.18	728	-4.86	0.40
650	-9.03	-3.53	729	-4.86	0.44
652	-8.65	-2.75	734	-5.07	0.42
663	-7.17	-1.70	737	-5.23	0.20
665	-8.08	-2.67	738	-5.27	0.20
670	-7.98	-2.89	740	-5.27	0.47
675	-6.14	-0.91	746	-5.38	0.44
680	-6.26	-1.06	748	-5.43	0.61
685	-5.25	-0.05	751	-5.41	1.20
690	-6.48	-1.23	756	-5.21	1.65
695	-6.14	-0.96	758	-5.19	1.46
699	-5.47	-0.41	777	-5.39	0.21
703	-4.80	0.25	780	-4.45	0.97
704	-4.72	0.35	782	-4.29	1.04
708	-4.87	0.14	787	-4.27	0.88
710	-5.14	-0.24	791	-4.63	0.37
716	-5.70	-0.29	803	-5.82	-1.28

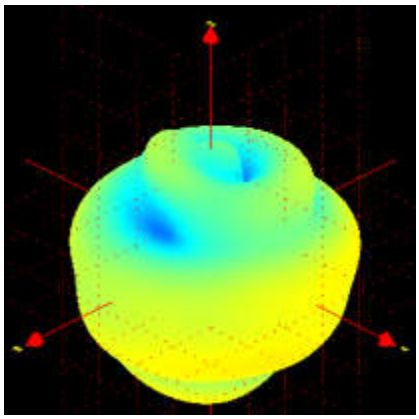
B28	703	725.5	748
Peak Gain (dBi)	0.25	0.13	0.61

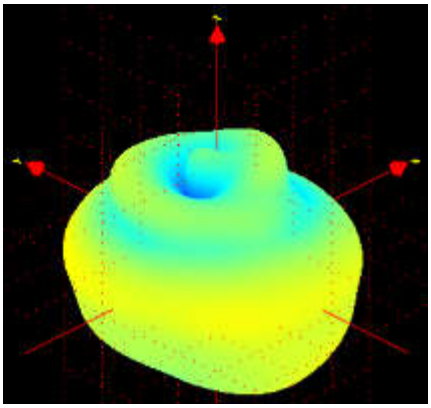
- Ant 0 3D Radiation Pattern



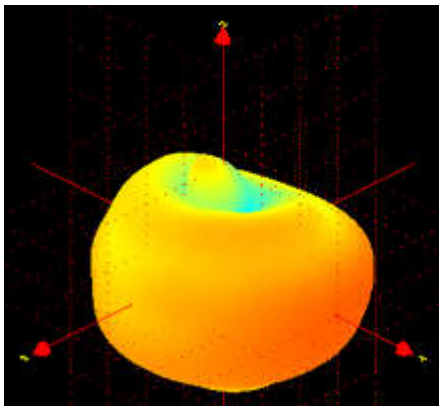


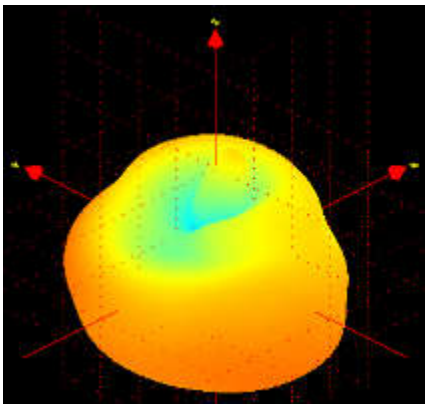
- 617 MHz





- 803 MHz



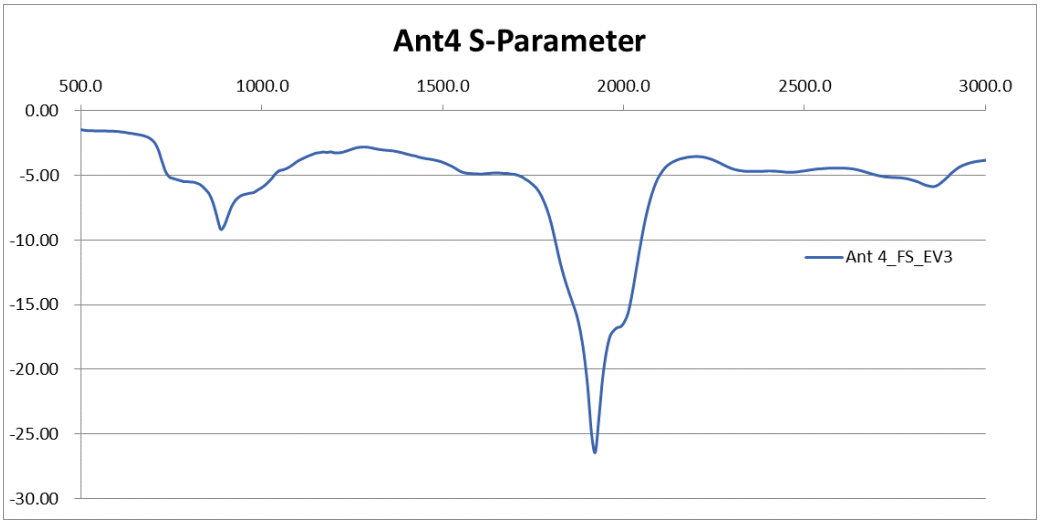


- Description

Frequency Range	791~960, 1710~2170MHz
Impedance	50Ω
Return Loss	As shown below S11

Peak gain	1.56dBi @ 1805MHz
Antenna type	PIFA
Process	LDS

- S11 of antenna 4

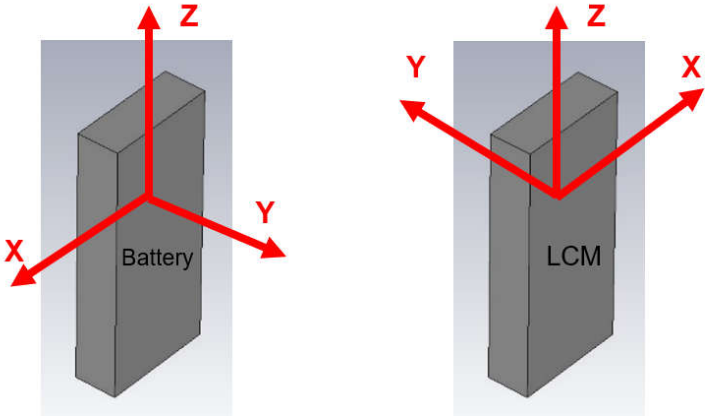


- Antenna 4 Gain:

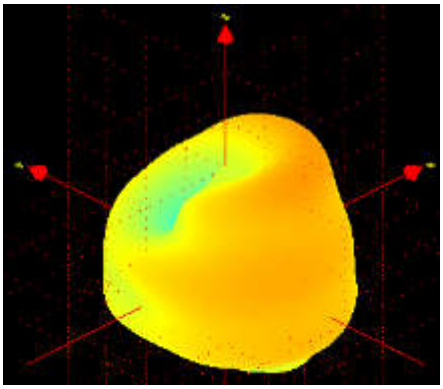
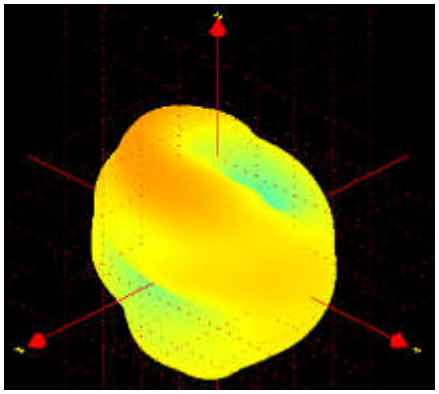
MHz	Average Gain (dBi)	Peak Gain (dBi)	MHz	Average Gain (dBi)	Peak Gain (dBi)
Ant4					
791	-8.38	-4.20	1710	-7.30	0.20
803	-8.91	-5.89	1732	-7.27	0.80
806	-8.47	-5.42	1750	-6.32	0.88
814	-8.52	-4.08	1755	-6.53	1.18
821	-8.02	-4.42	1785	-4.66	1.07
824	-8.66	-4.62	1805	-4.71	1.56
831	-7.86	-4.03	1840	-4.51	1.41
832	-7.59	-3.81	1850	-4.43	1.51
836	-7.14	-3.61	1880	-4.21	1.09
847	-7.97	-3.04	1910	-4.23	0.73
849	-7.88	-3.03	1915	-3.89	0.89
859	-7.38	-3.63	1920	-3.93	0.91
862	-7.61	-3.58	1930	-3.92	0.64
869	-7.24	-2.31	1950	-4.00	0.58
876	-6.44	-2.10	1960	-4.03	0.60
880	-6.68	-2.66	1980	-4.35	0.10
894	-6.32	-1.55	1990	-3.95	0.25
900	-5.60	-1.65	1995	-4.17	-0.22
915	-6.66	-1.47	2110	-9.38	-3.34
925	-6.04	-1.47	2132	-9.80	-3.45
940	-6.43	-0.30	2140	-10.36	-3.24
960	-6.25	0.28	2155	-10.35	-4.05
			2170	-10.82	-3.91

B3	1710	1747.5	1785
Peak Gain (dBi)	0.20	0.88	1.07

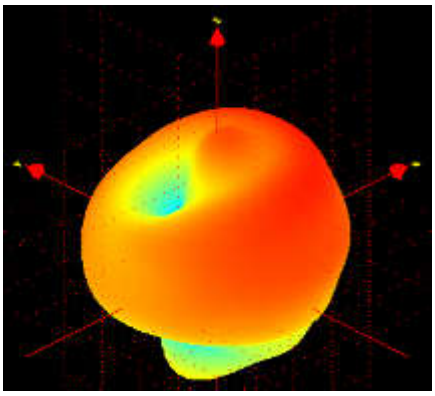
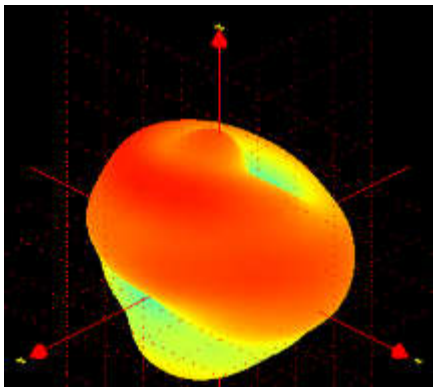
- Ant 4 3D Radiation Pattern



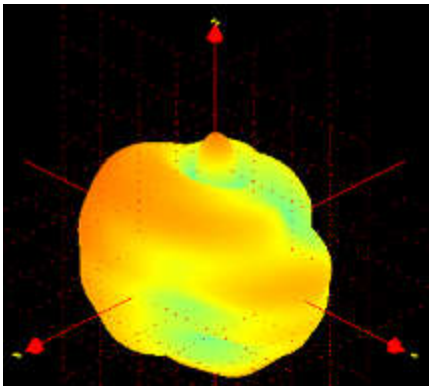
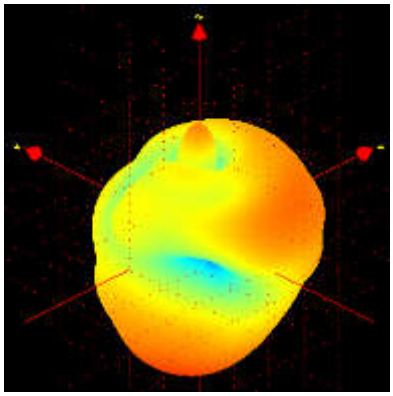
- 791 MHz

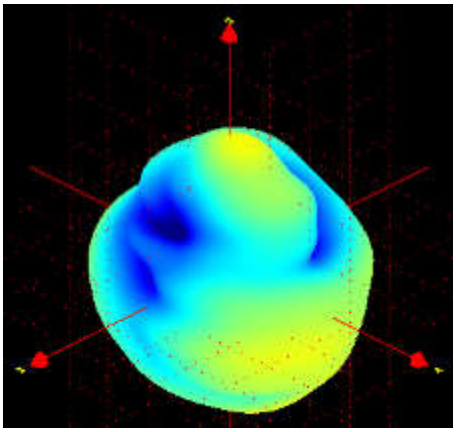
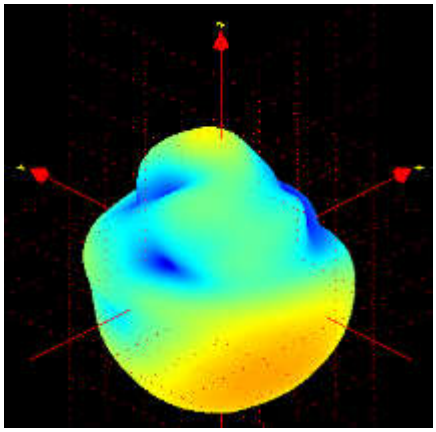
- 960 MHz

- 1710 MHz

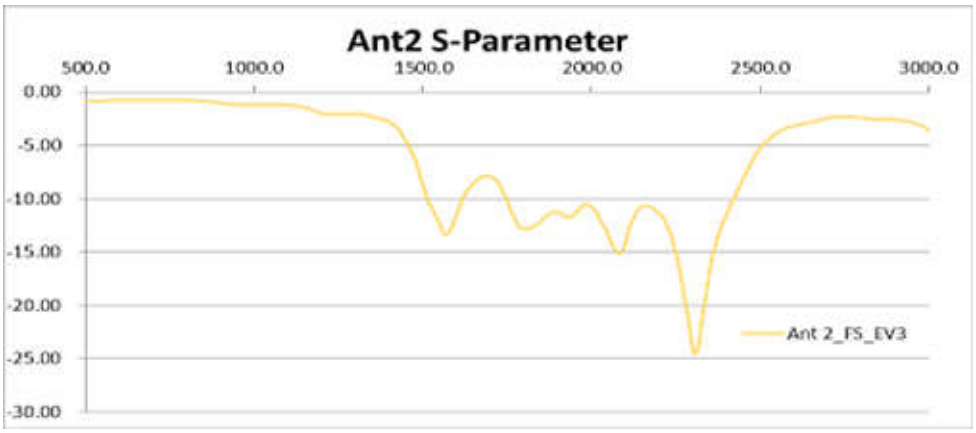
- 2170 MHz

- Description

Frequency Range	1710~2170MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	2.29dBi @ 1785MHz
Antenna type	PIFA
Process	LDS

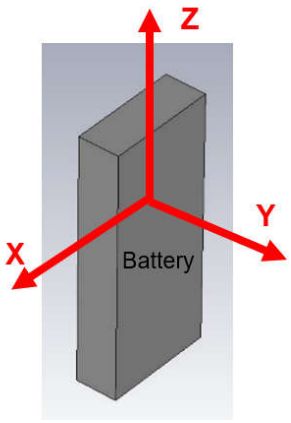
- S11 of antenna 2

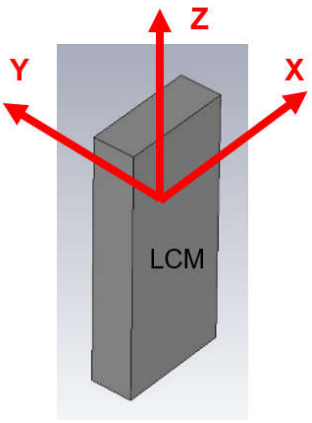


- Antenna 2 Gain:

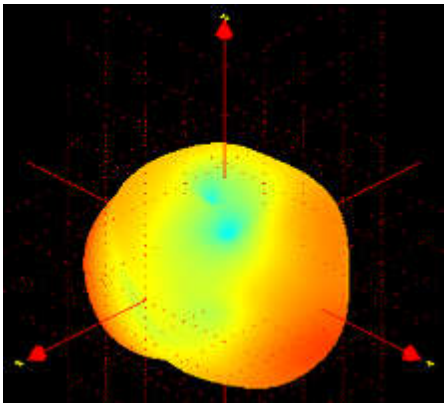
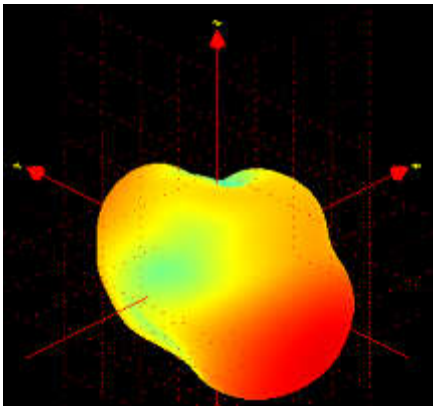
MHz	Average Gain (dBi)	Peak Gain (dBi)
Ant2		
1710	-5.26	1.48
1732	-5.66	1.16
1750	-5.15	1.70
1755	-5.10	1.94
1785	-4.59	2.29
1805	-5.03	0.87
1840	-5.86	-0.66
1850	-5.95	-0.87
1880	-6.54	-2.33
1910	-6.27	-1.39
1915	-5.79	-1.12
1920	-6.15	-1.61
1930	-5.81	-1.46
1950	-5.47	-0.99
1960	-4.98	-0.53
1980	-5.25	-1.07
1990	-5.23	-1.29
1995	-5.51	-1.62
2110	-8.10	-4.15
2132	-8.97	-4.50
2140	-8.97	-4.84
2155	-9.92	-5.82
2170	-9.36	-5.41

- Ant 2 3D Radiation Pattern

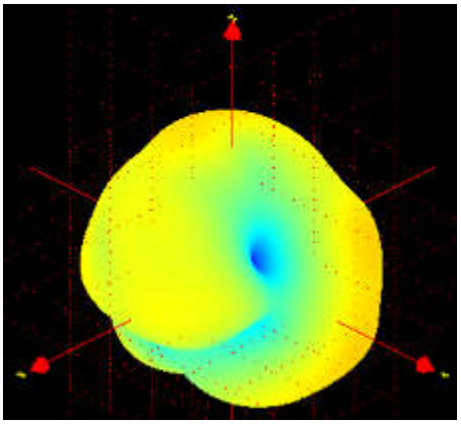
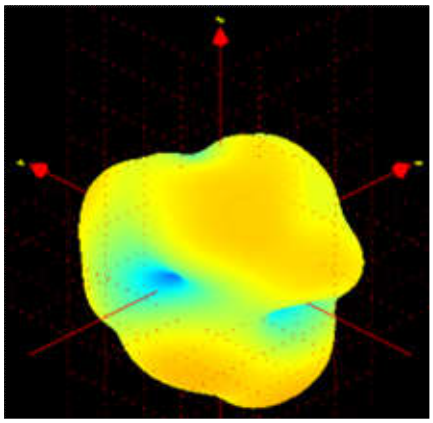




- 1710 MHz

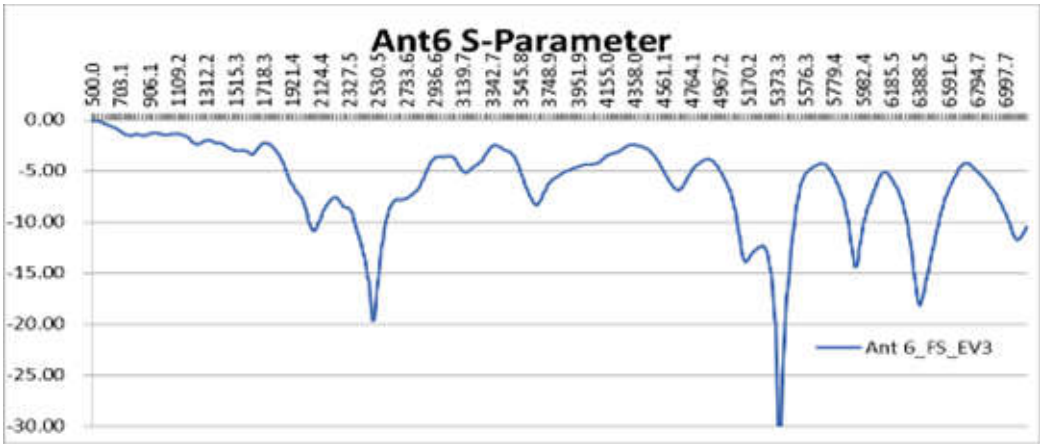
- 2170 MHz

- Description

Frequency Range	2300~2690MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	-0.1dBi @ 2590MHz
Antenna type	PIFA
Process	LDS

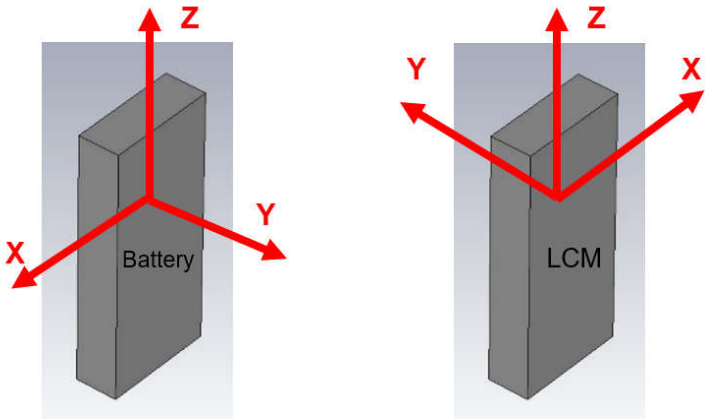
- S11 of antenna 6



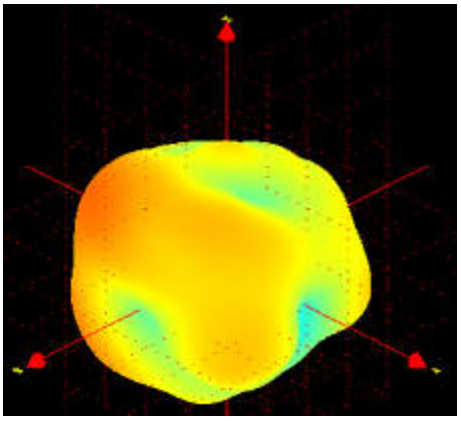
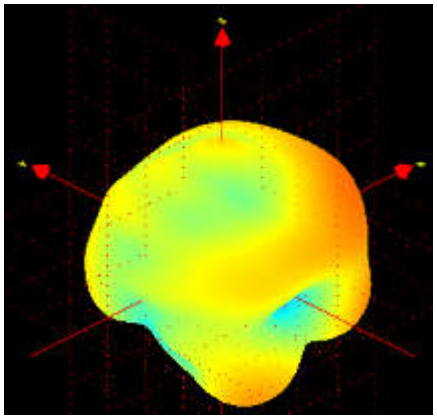
- Antenna 6 Gain:

MHz	Average Gain (dBi)	Peak Gain (dBi)	MHz	Average Gain (dBi)	Peak Gain (dBi)
Ant6					
2300	-8.14	-2.89	2472	-7.83	-3.59
2305	-8.31	-3.25	2480	-7.10	-2.97
2310	-8.39	-3.37	2481	-7.05	-2.86
2315	-8.42	-3.50	2484	-7.09	-2.87
2320	-7.93	-3.17	2490	-6.75	-2.65
2330	-8.19	-3.73	2494	-6.71	-2.48
2340	-8.20	-3.93	2496	-6.76	-2.52
2350	-7.85	-3.52	2500	-6.45	-2.21
2355	-8.03	-3.73	2510	-5.96	-1.66
2360	-8.20	-3.82	2520	-6.15	-1.70
2370	-7.70	-3.27	2530	-5.94	-1.34
2380	-7.79	-3.25	2535	-5.91	-0.85
2390	-7.86	-3.01	2540	-5.79	-1.04
2400	-7.63	-2.72	2545	-6.31	-1.41
2402	-7.66	-2.94	2550	-6.10	-1.18
2410	-7.92	-2.97	2560	-5.78	-0.71
2412	-8.09	-3.28	2570	-5.62	-0.39
2420	-7.93	-3.20	2575	-5.57	-0.27
2430	-7.87	-3.38	2580	-5.84	-0.52
2440	-7.95	-3.42	2590	-5.45	-0.10
2441	-7.88	-3.36	2593	-5.59	-0.26
2442	-7.84	-3.33	2600	-5.72	-0.39
2450	-8.05	-3.52	2620	-5.49	-0.38
2460	-7.76	-3.28	2655	-6.20	-1.52
2470	-7.66	-3.45	2690	-5.39	-1.19

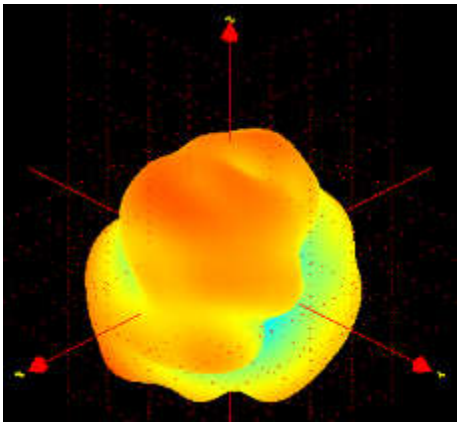
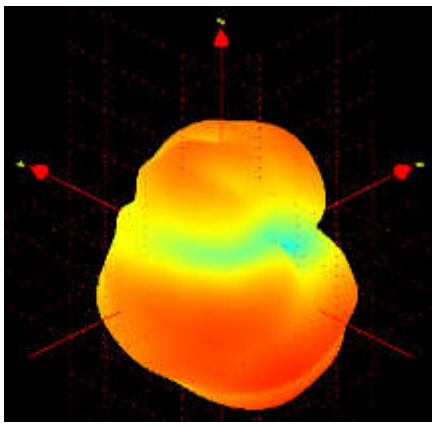
- Ant 6 3D Radiation Pattern



- 2300 MHz

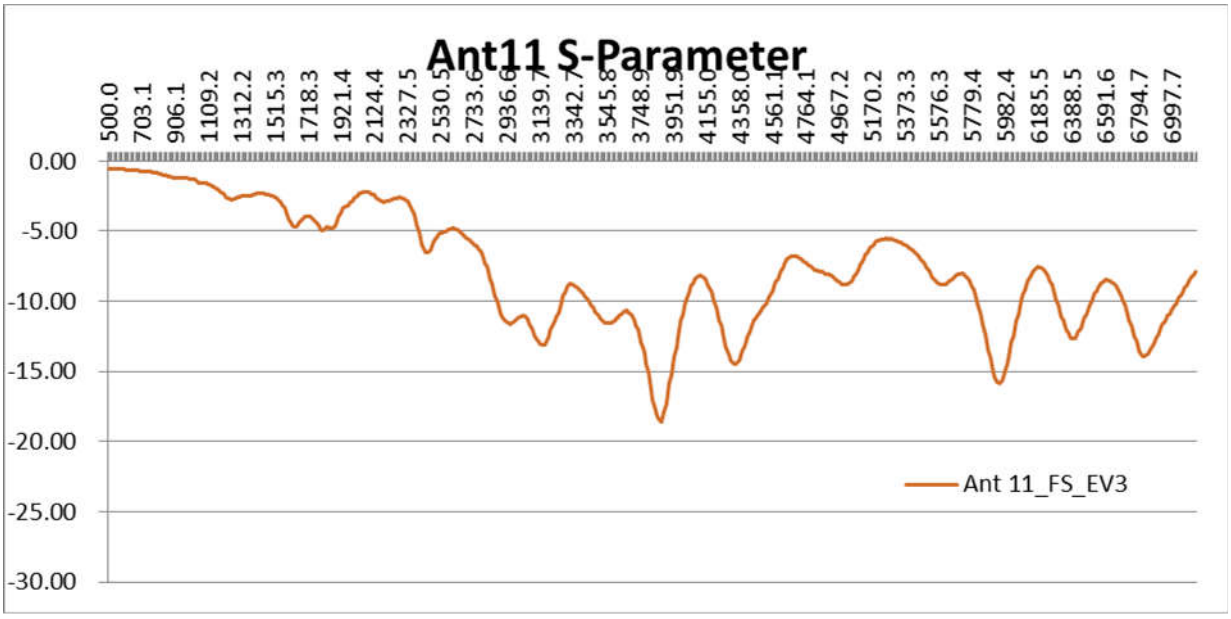
- 2690 MHz

- Description

Frequency Range	3300~5000MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	-0.05dBi @ 4200MHz
Antenna type	Monopole
Process	LDS

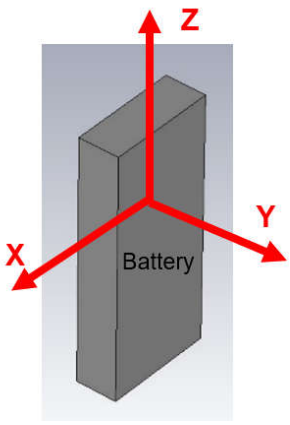
- S11 of antenna 11

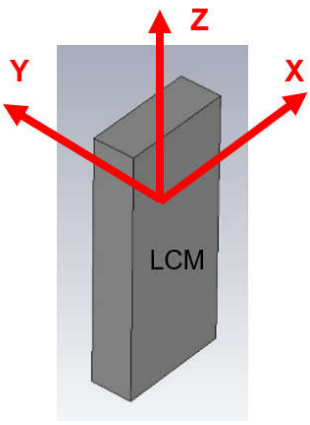

Ant11 S-Parameter
500.0
703.1
906.1
1109.2
1312.2
1515.3
1718.3
1921.4
2124.4
2327.5
2530.5
2733.6
2936.6
3139.7
3342.7
3545.8
3748.9
3951.9
4155.0
4358.0
4561.1
4764.1
4967.2
5170.2
5373.3
5576.3
5779.4
5982.4
6185.5
6388.5
6591.6
6794.7
6997.7
0.00
-5.00
-10.00
-15.00
-20.00
-25.00
-30.00
Ant 11_FS_EV3

- Antenna 11 Gain:

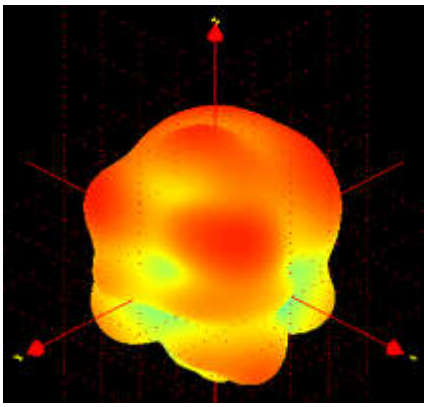
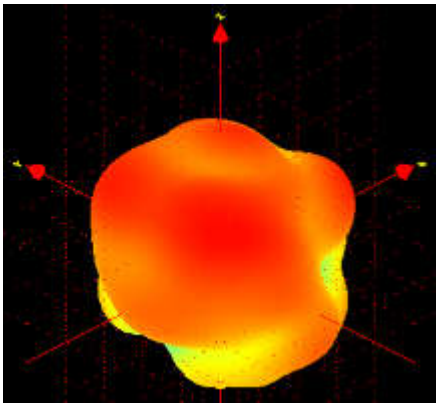
MHz	Average Gain (dBi)	Peak Gain (dBi)
Ant11		
3300	-4.72	-1.49
3350	-4.18	-0.96
3400	-4.06	-0.52
3450	-4.29	-0.96
3500	-4.07	-0.99
3550	-3.84	-0.95
3600	-3.80	-1.11
3650	-3.45	-0.48
3700	-3.27	-0.48
3750	-3.36	-0.47
3800	-3.21	-0.53
3850	-3.12	-0.39
3900	-3.16	-0.19
3950	-3.05	-0.08
4000	-3.41	-0.09
4050	-3.69	-0.34
4100	-3.84	-0.29
4150	-3.86	-0.39
4200	-3.94	-0.05
4400	-3.85	-0.05
4450	-4.02	-0.08
4500	-4.04	-0.35
4550	-5.19	-1.40
4600	-5.40	-1.98
4650	-5.82	-2.24
4700	-5.48	-1.82
4750	-6.38	-2.10
4800	-6.63	-1.82
4850	-6.47	-1.80
4900	-6.33	-1.70
4950	-6.23	-1.78
5000	-6.01	-1.12

- Ant 11 3D Radiation Pattern

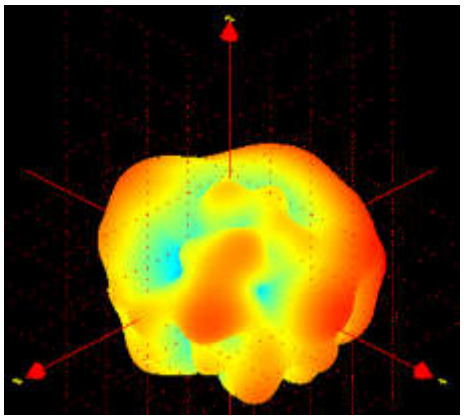
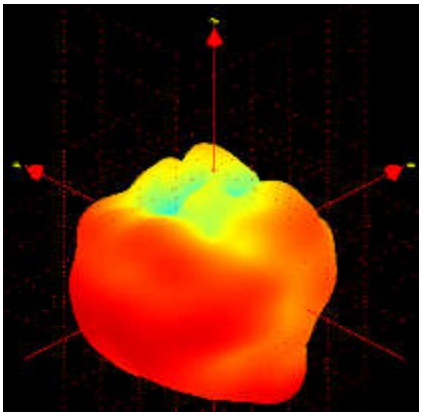




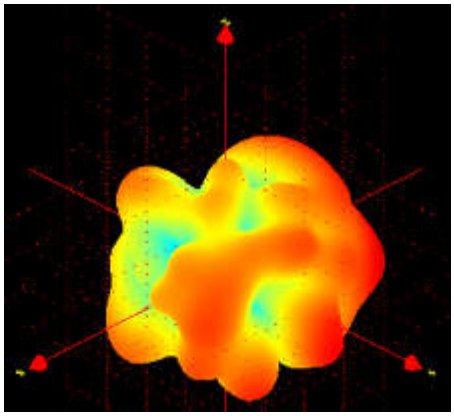
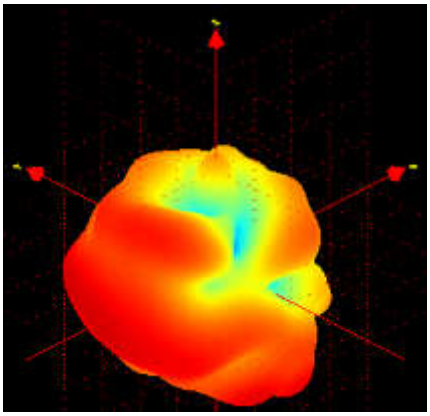
- 3300 MHz

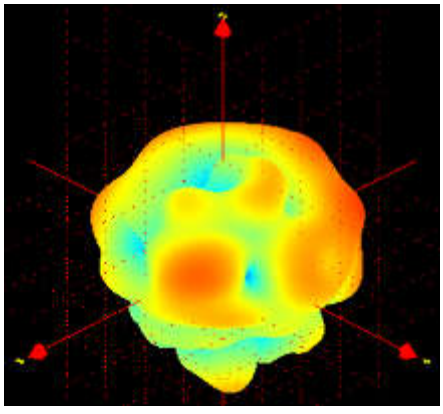
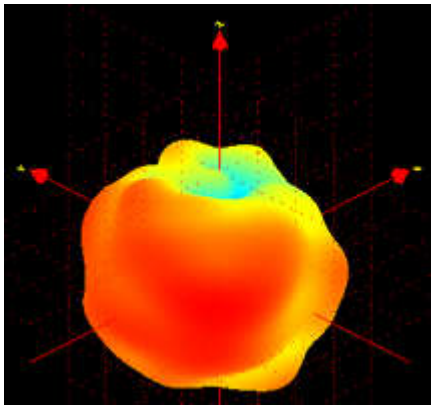
- 4200 MHz

- 4400 MHz

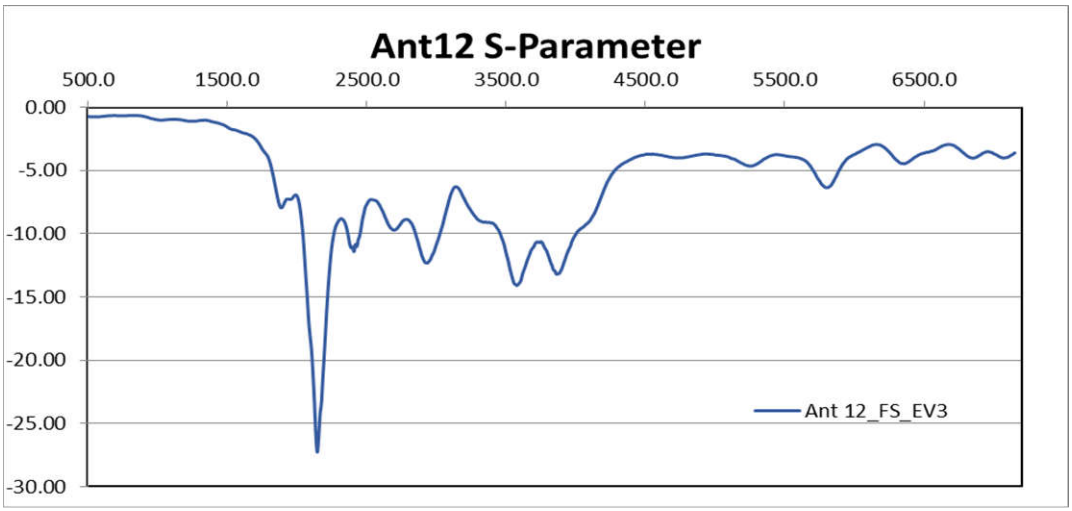
- 5000 MHz

- Description

Frequency Range	2300~2690, 3300~4200MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak gain	1.73dBi @ 2400MHz
Antenna type	PIFA
Process	LDS

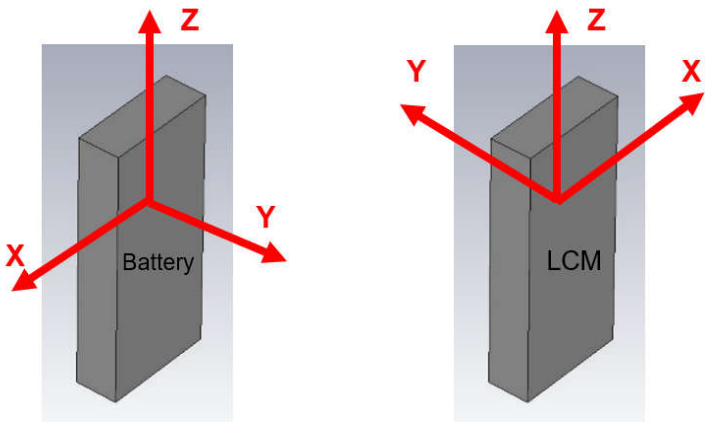
- S11 of antenna 12



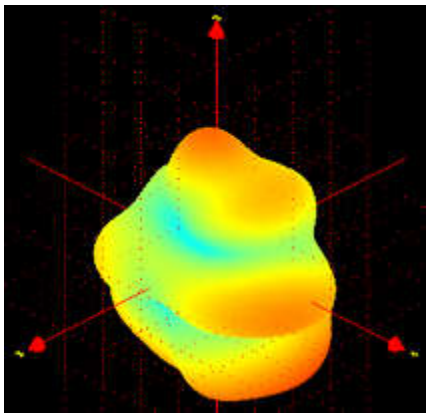
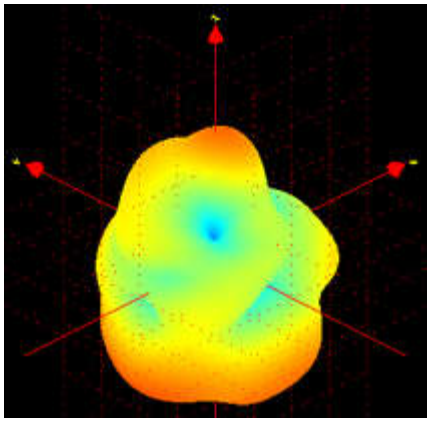
- Antenna 12 Gain:

MHz	Average Gain (dBi)	Peak Gain (dBi)	MHz	Average Gain (dBi)	Peak Gain (dBi)	MHz	Average Gain (dBi)	Peak Gain (dBi)
Ant12								
2300	-7.34	-1.26	2472	-7.15	0.67	3300	-4.23	-0.83
2305	-7.42	-1.24	2480	-7.00	0.34	3350	-4.31	-0.95
2310	-7.32	-1.05	2481	-7.04	0.24	3400	-4.55	-0.17
2315	-7.22	-0.90	2484	-7.14	0.25	3450	-4.26	-0.23
2320	-6.89	-0.43	2490	-6.90	0.29	3500	-3.48	0.22
2330	-7.15	-0.63	2494	-6.92	0.03	3550	-3.33	0.36
2340	-6.85	-0.37	2496	-7.00	0.04	3600	-3.26	0.43
2350	-6.68	-0.17	2500	-6.76	0.28	3650	-3.09	0.39
2355	-6.63	-0.20	2510	-6.50	0.44	3700	-3.27	0.17
2360	-6.53	0.02	2520	-6.23	0.65	3750	-3.08	0.31
2370	-6.02	0.53	2530	-6.19	0.64	3800	-2.85	0.39
2380	-5.96	0.66	2535	-6.17	0.87	3850	-2.81	0.57
2390	-5.88	1.25	2540	-5.70	1.03	3900	-2.82	0.60
2400	-5.85	1.73	2545	-6.06	0.79	3950	-2.82	0.64
2402	-5.89	1.65	2550	-5.96	0.79	4000	-3.50	0.68
2410	-5.87	1.45	2560	-5.95	0.76	4050	-4.11	0.38
2412	-6.05	1.68	2570	-5.44	1.00	4100	-4.21	0.01
2420	-6.18	1.08	2575	-5.34	0.79	4150	-4.36	-0.50
2430	-6.21	1.04	2580	-5.59	0.48	4200	-4.30	-0.79
2440	-6.46	0.81	2590	-4.99	0.82			
2441	-6.38	0.78	2593	-5.08	0.75			
2442	-6.31	0.74	2600	-5.13	0.42			
2450	-6.49	0.94	2620	-4.85	0.57			
2460	-6.80	0.80	2655	-5.24	0.08			
2470	-6.88	0.63	2690	-4.15	1.46			

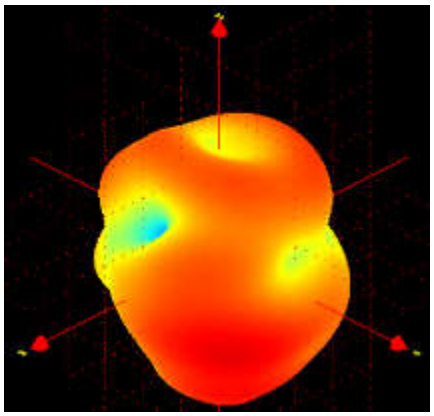
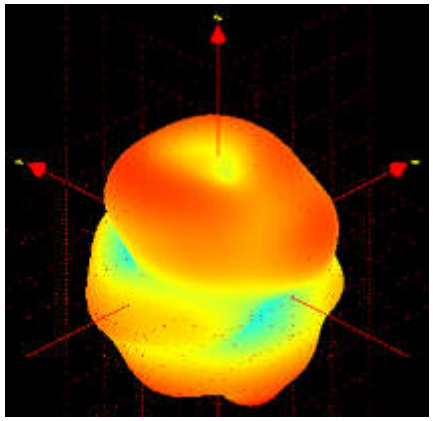
- Ant 12 3D Radiation Pattern



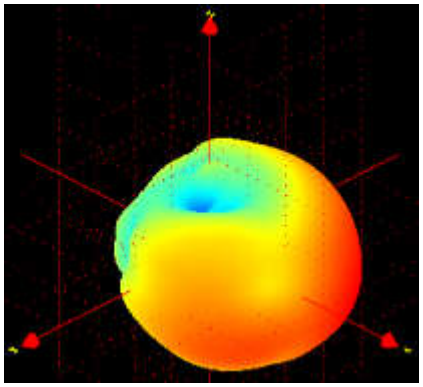
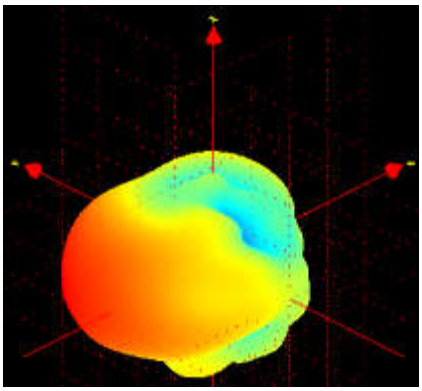
- 2300 MHz

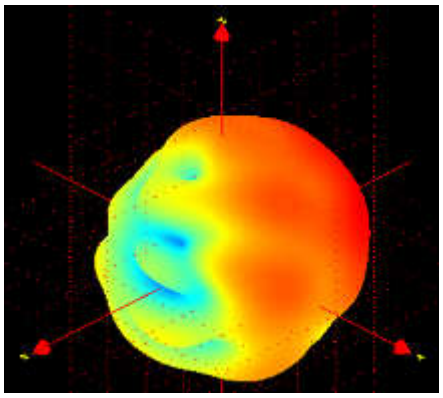
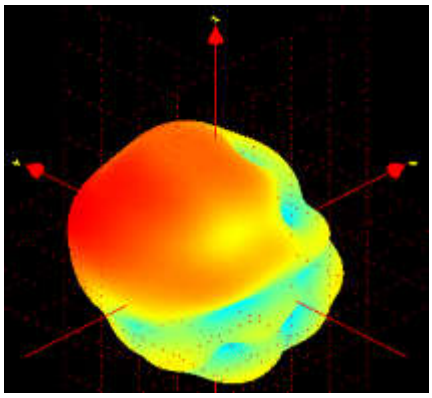
- 2690 MHz

- 3300 MHz

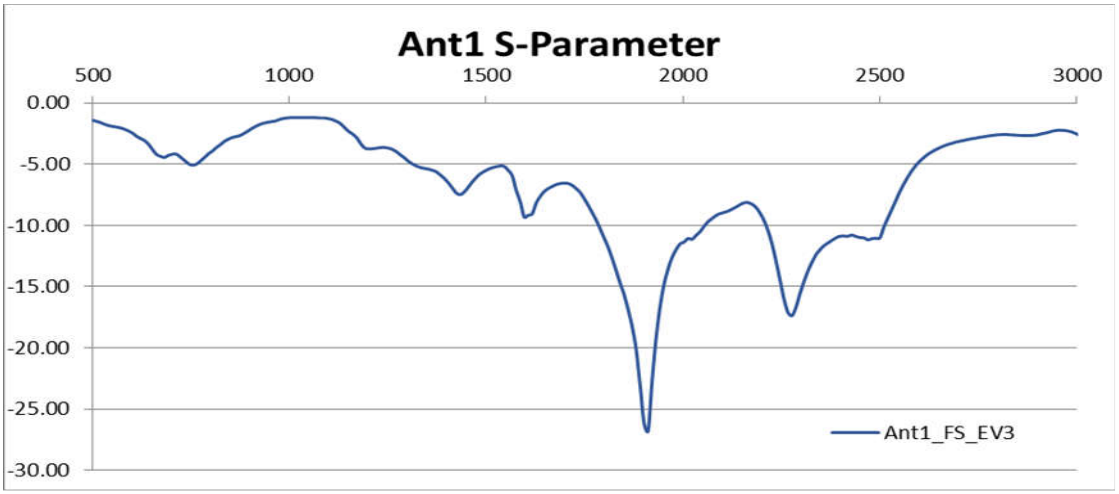
- 4200 MHz

- Description

Frequency Range	617~960,1805~2170, 2300~2690MHz
Impedance	50Ω
Return Loss	As shown below S11
Antenna type	Monopole
Process	LDS

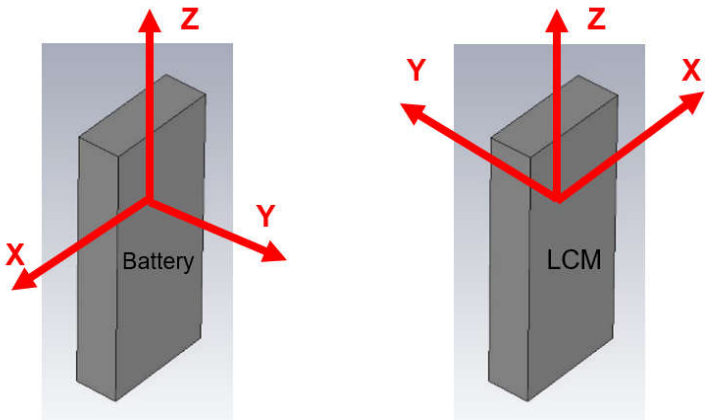
- S11 of antenna 1



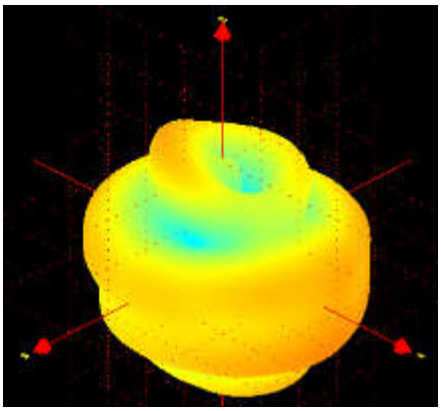
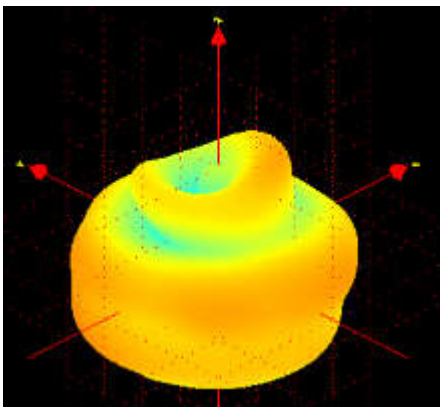
- Antenna 1 Gain:

MHz	Average Gain (dBi)	MHz	Average Gain (dBi)	MHz	Average Gain (dBi)	MHz	Average Gain (dBi)	MHz	Average Gain (dBi)
Ant1									
617	-10.22	748	-8.36	1805	-5.09	2300	-6.48	2472	-5.62
635	-10.13	751	-8.46	1840	-5.36	2305	-6.66	2480	-5.18
640	-9.20	756	-9.19	1850	-5.00	2310	-6.71	2481	-5.17
645	-9.37	758	-9.52	1880	-4.88	2315	-6.75	2484	-5.41
650	-9.47	777	-9.86	1910	-4.63	2320	-6.36	2490	-5.33
652	-9.47	780	-9.52	1915	-4.06	2330	-6.56	2494	-5.55
663	-8.04	782	-9.53	1920	-4.11	2340	-6.42	2496	-5.81
665	-8.98	787	-8.82	1930	-4.28	2350	-6.12	2500	-5.68
670	-9.43	791	-8.01	1950	-4.16	2355	-6.21	2510	-5.38
675	-8.38	803	-9.89	1960	-4.04	2360	-6.29	2520	-5.43
680	-8.72	806	-9.89	1980	-4.37	2370	-5.79	2530	-5.73
685	-7.72	814	-7.83	1990	-3.78	2380	-5.50	2535	-5.84
690	-9.59	821	-8.44	1995	-4.16	2390	-5.50	2540	-5.51
695	-10.06	824	-9.45	2110	-5.34	2400	-5.33	2545	-6.08
699	-9.82	831	-10.07	2132	-5.29	2402	-5.36	2550	-6.16
703	-9.08	832	-9.89	2140	-5.46	2410	-5.35	2560	-6.32
704	-8.94	836	-9.05	2155	-5.80	2412	-5.52	2570	-5.97
708	-8.93	847	-9.47	2170	-5.90	2420	-5.44	2575	-6.14
710	-9.18	849	-9.91	2200	-6.70	2430	-5.20	2580	-6.63
716	-9.50	859	-9.92			2440	-5.37	2590	-6.05
717	-9.42	862	-9.42			2441	-5.28	2593	-6.12
722	-8.58	869	-9.79			2442	-5.21	2600	-6.32
725	-7.96	876	-10.93			2450	-5.35	2620	-6.33
728	-7.69	880	-11.11			2460	-5.23	2655	-7.22
729	-7.70	894	-11.65			2470	-5.45	2690	-6.84
734	-8.24	900	-12.01						
737	-8.59	915	-12.27						
738	-8.68	925	-12.70						
740	-8.74	940	-12.53						
746	-8.45	960	-11.61						

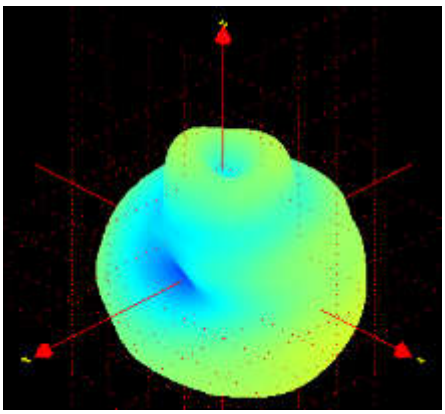
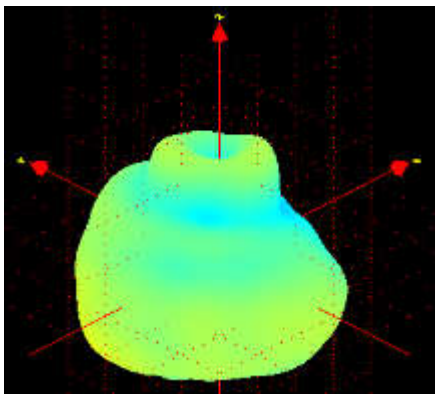
- Ant 1 3D Radiation Pattern



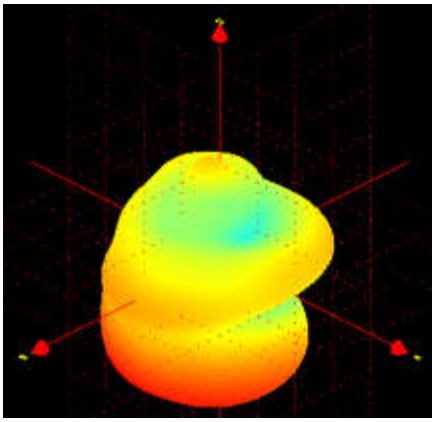
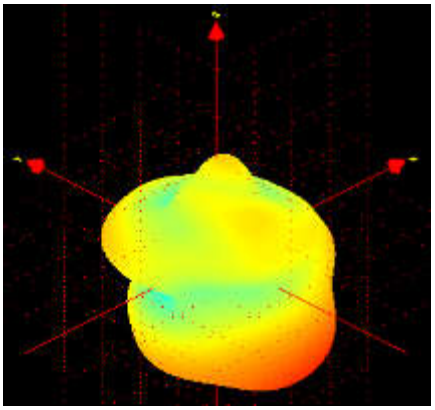
- 617 MHz

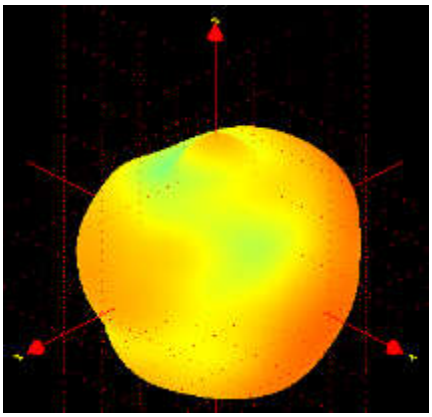
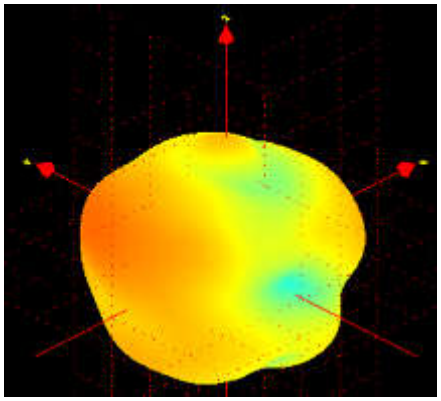
- 960 MHz

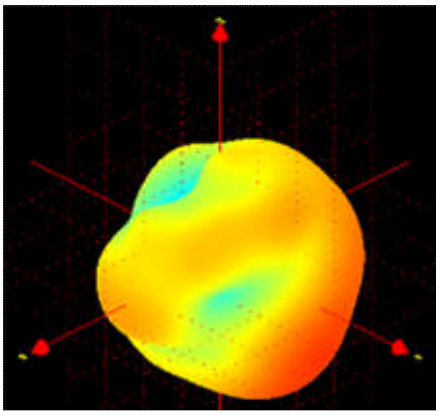
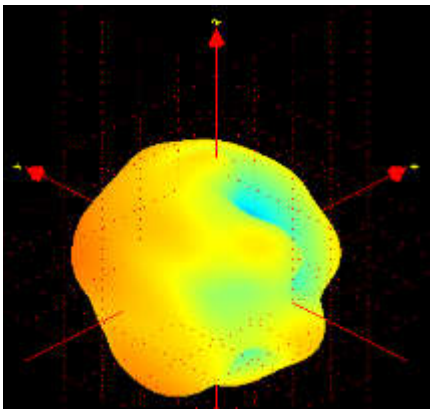
- 1805 MHz

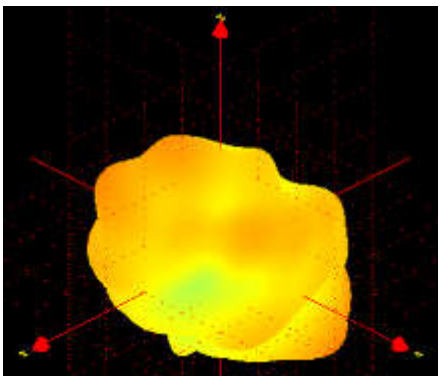
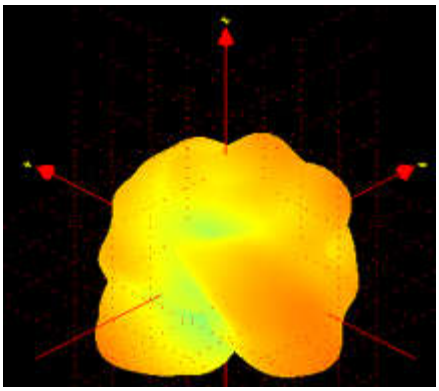
- 2170MHz

- 2300MHz

- 2690 MHz

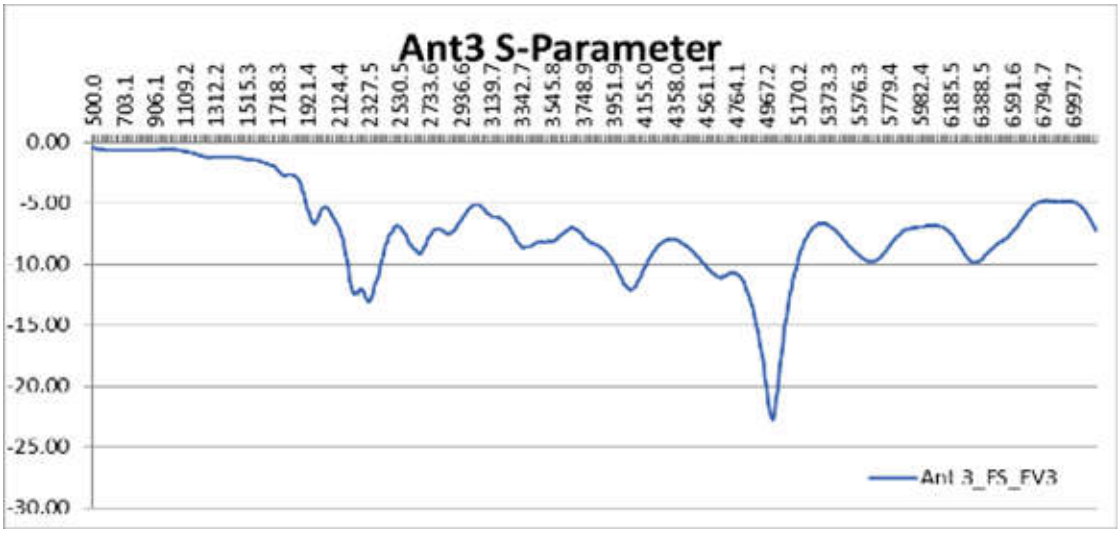



- Description

Frequency Range	3300~5000MHz
Impedance	50Ω

Return Loss	As shown below S11
Antenna type	PIFA
Process	LDS

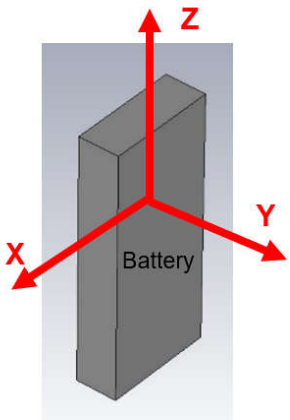
- S11 of antenna 3

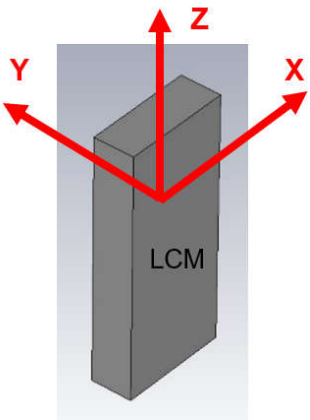


- Antenna 3 Gain:

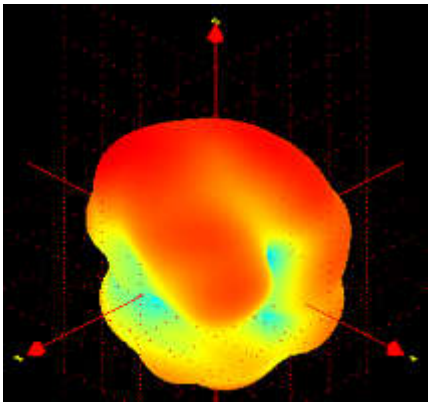
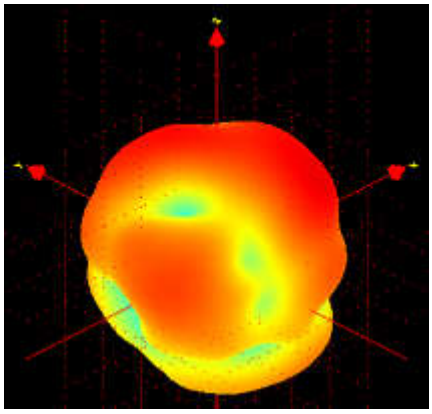
MHz	Average Gain (dBi)
Ant3	
3300	-4.68
3350	-4.33
3400	-3.83
3450	-4.12
3500	-4.30
3550	-4.50
3600	-5.08
3650	-5.45
3700	-5.68
3750	-5.55
3800	-5.40
3850	-5.02
3900	-4.37
3950	-3.98
4000	-3.74
4050	-3.47
4100	-3.32
4150	-3.35
4200	-3.42
4400	-3.56
4450	-3.42
4500	-3.15
4550	-3.96
4600	-3.66
4650	-3.85
4700	-3.40
4750	-3.87
4800	-3.67
4850	-3.77
4900	-3.60
4950	-3.57
5000	-3.06

- Ant 3 3D Radiation Pattern

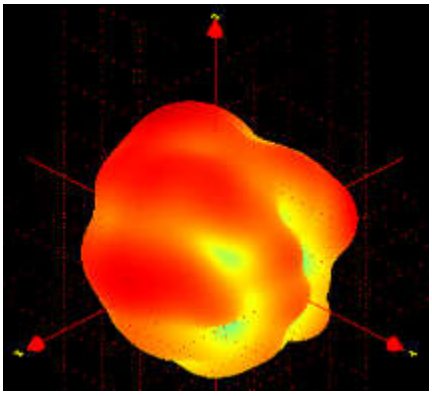
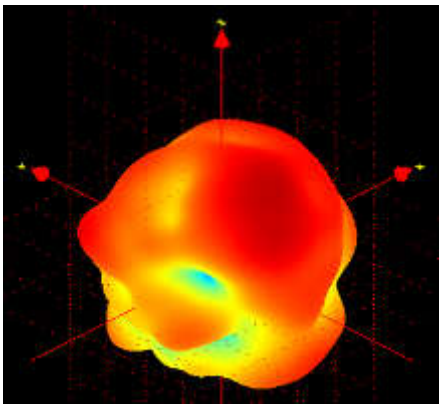




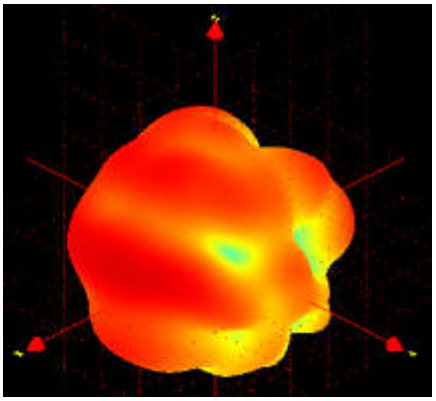
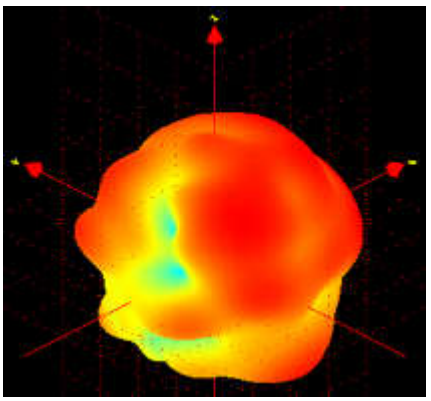
- 3300 MHz

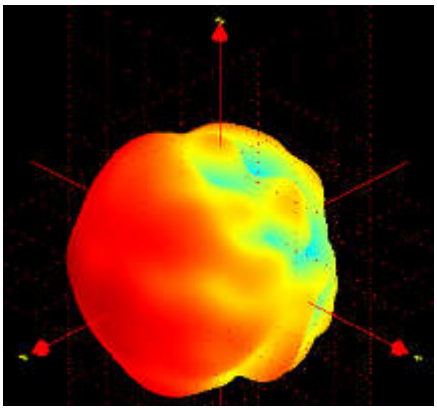
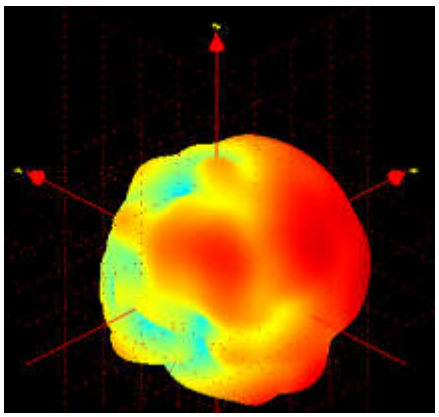
- 4200 MHz

- 4400 MHz

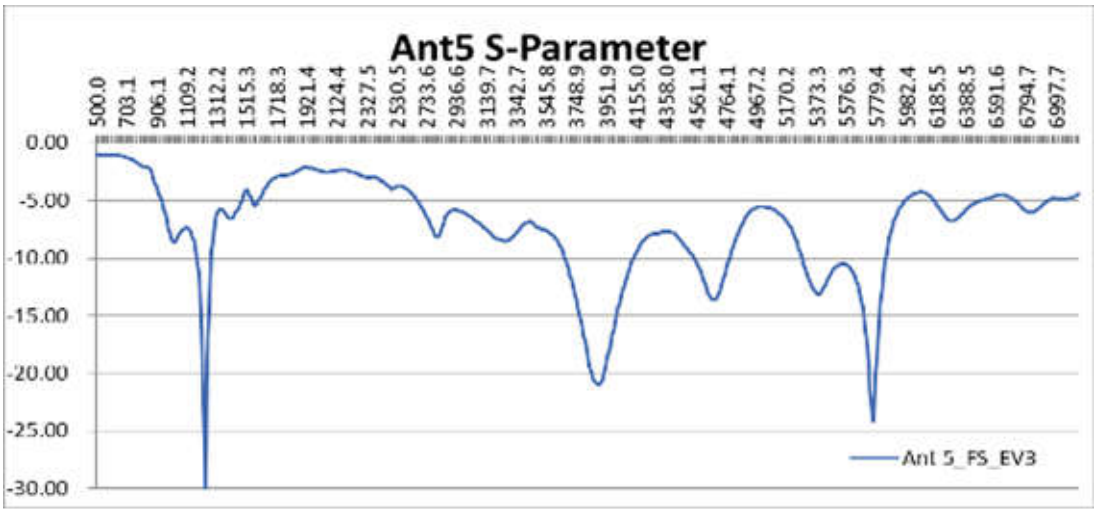
- 5000 MHz

- Description

Frequency Range	3300~5000MHz
Impedance	50Ω
Return Loss	As shown below S11
Antenna type	Loop
Process	LDS

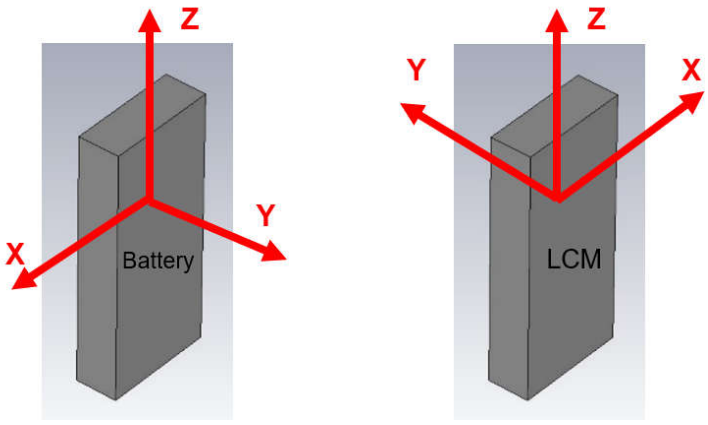
- S11 of antenna 5



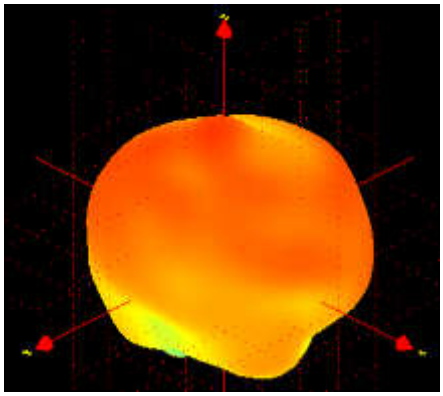
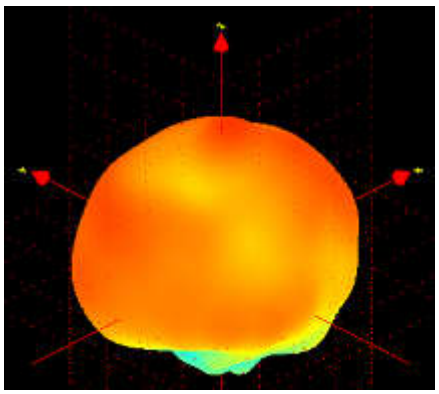
- Antenna 5 Gain:

MHz	Average Gain (dBi)
Ant5	
3300	-4.27
3350	-4.26
3400	-4.53
3450	-4.47
3500	-4.24
3550	-3.69
3600	-3.56
3650	-3.50
3700	-3.24
3750	-3.08
3800	-2.81
3850	-2.70
3900	-2.52
3950	-2.24
4000	-2.17
4050	-2.21
4100	-2.22
4150	-2.22
4200	-2.44
4400	-3.07
4450	-3.25
4500	-3.26
4550	-4.27
4600	-3.87
4650	-4.23
4700	-3.81
4750	-4.11
4800	-4.32
4850	-4.63
4900	-4.72
4950	-4.50
5000	-4.66

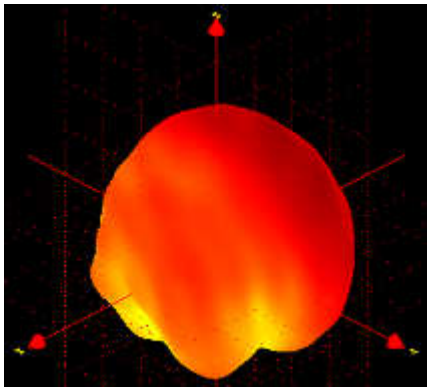
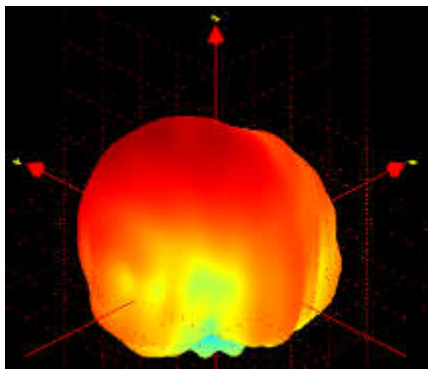
- Ant 5 3D Radiation Pattern



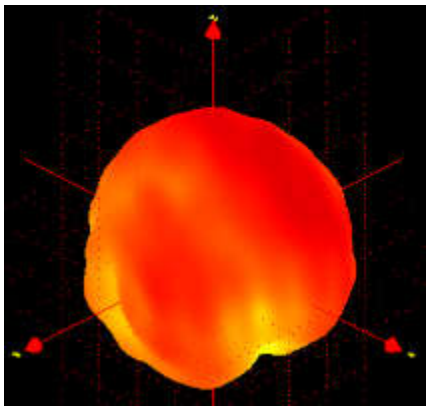
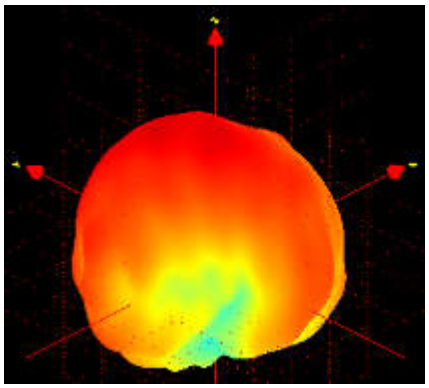
- 3300 MHz

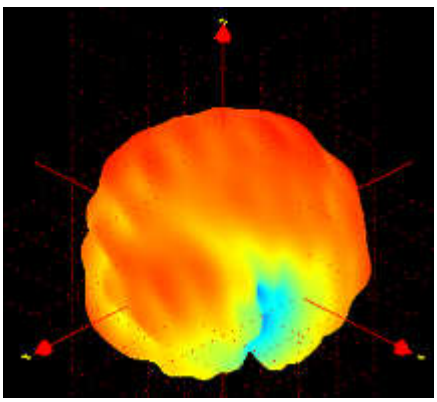
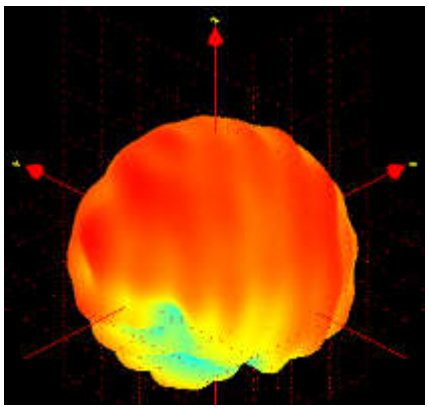
- 4200 MHz

- 4400 MHz

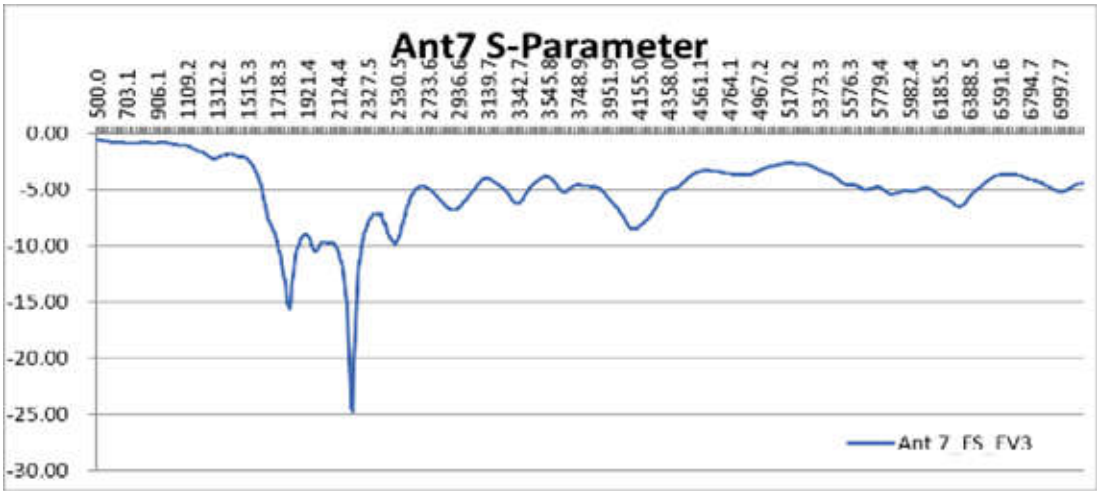
- 5000 MHz

- Description

Frequency Range	1805~2170, 2300~2690MHz
Impedance	50Ω
Return Loss	As shown below S11
Antenna type	PIFA
Process	LDS

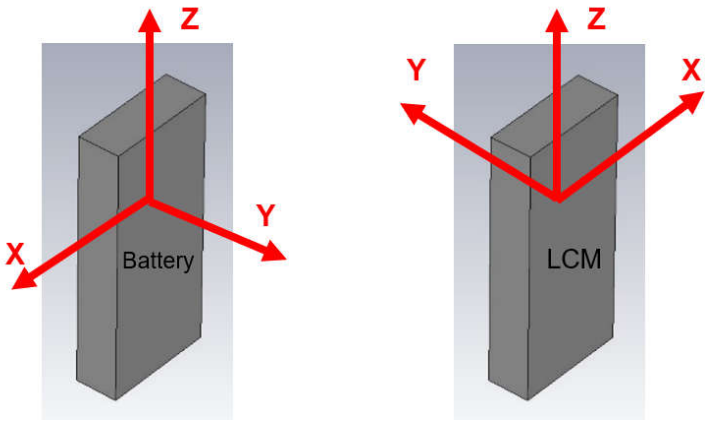
- S11 of antenna 7



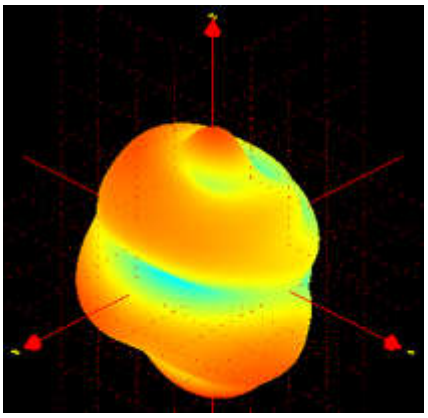
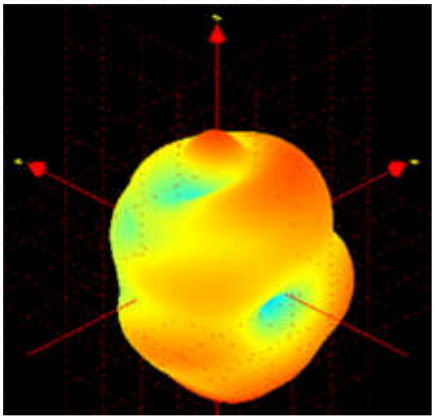
- Antenna 7 Gain:

MHz	Average Gain (dBi)	MHz	Average Gain (dBi)	MHz	Average Gain (dBi)
Ant7					
1805	-6.94	2300	-5.82	2472	-5.87
1840	-7.78	2305	-6.04	2480	-5.21
1850	-7.76	2310	-6.16	2481	-5.15
1880	-9.08	2315	-6.18	2484	-5.22
1910	-9.75	2320	-5.73	2490	-5.27
1915	-9.15	2330	-6.13	2494	-5.61
1920	-9.17	2340	-6.10	2496	-5.86
1930	-9.00	2350	-5.89	2500	-5.47
1950	-8.26	2355	-6.17	2510	-4.90
1960	-7.82	2360	-6.23	2520	-5.14
1980	-7.63	2370	-5.56	2530	-5.20
1990	-6.94	2380	-5.85	2535	-5.36
1995	-7.10	2390	-5.31	2540	-5.16
2110	-5.99	2400	-5.49	2545	-5.83
2132	-5.70	2402	-5.52	2550	-5.64
2140	-5.67	2410	-5.51	2560	-5.80
2155	-5.48	2412	-5.69	2570	-5.93
2170	-5.19	2420	-5.77	2575	-5.84
2200	-5.33	2430	-5.57	2580	-6.31
		2440	-5.21	2590	-6.61
		2441	-5.17	2593	-6.84
		2442	-5.18	2600	-6.73
		2450	-6.09	2620	-7.21
		2460	-5.18	2655	-8.39
		2470	-5.36	2690	-8.04

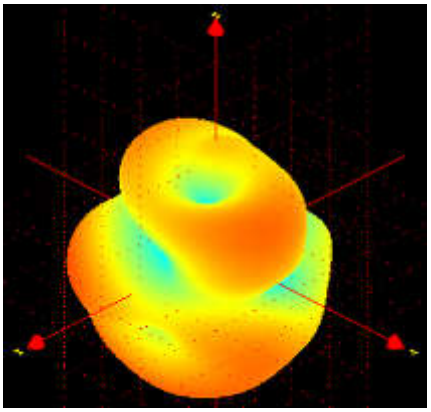
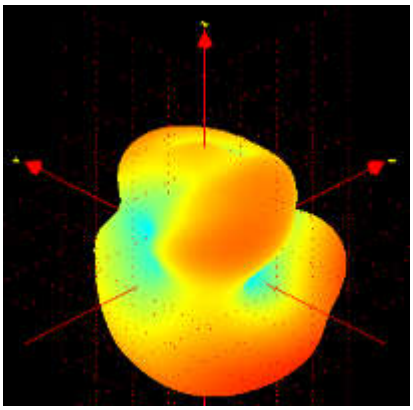
- Ant 7 3D Radiation Pattern



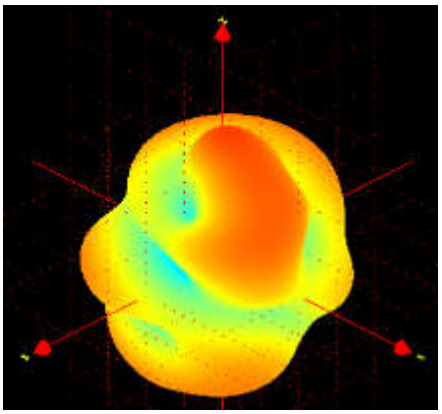
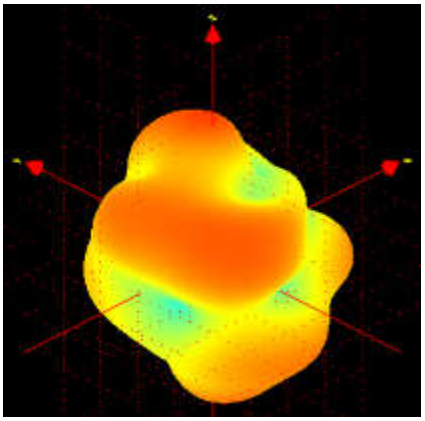
- 1805 MHz

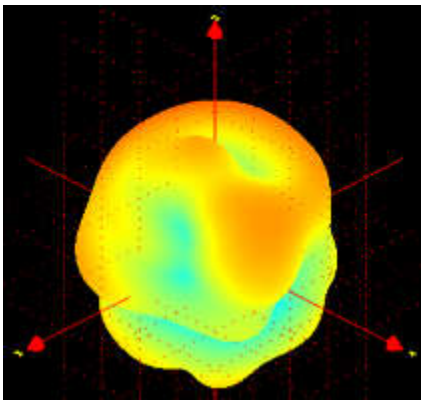
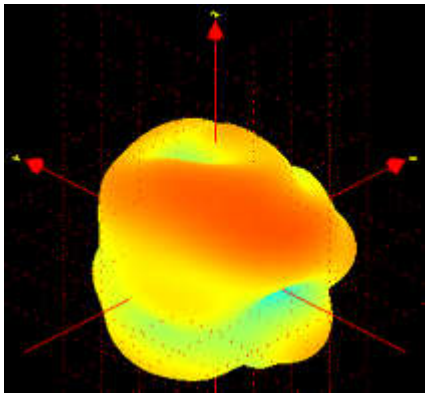
- 2170 MHz

- 2300 MHz

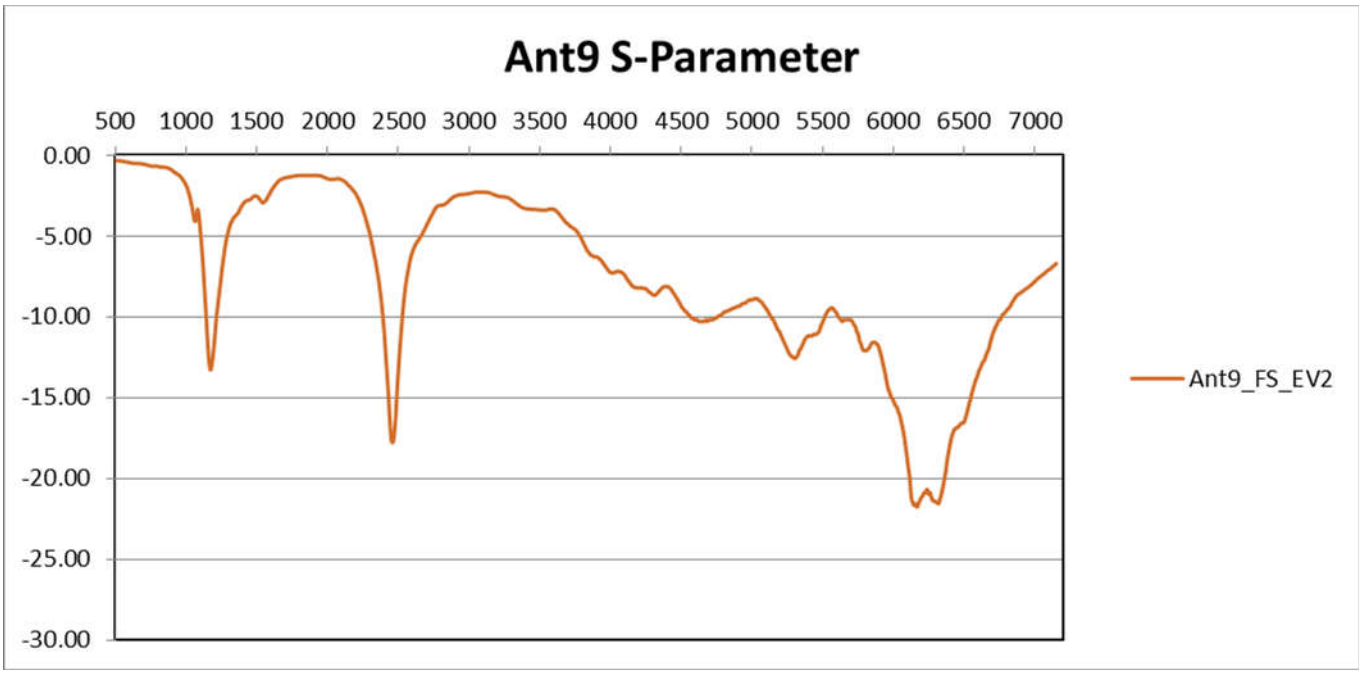
- 2690 MHz

- Description

Frequency Range	1160~1260,2400~2500,5150~7150MHz
Impedance	50Ω
Return Loss	As shown below S11
Antenna type	PIFA
Process	LDS

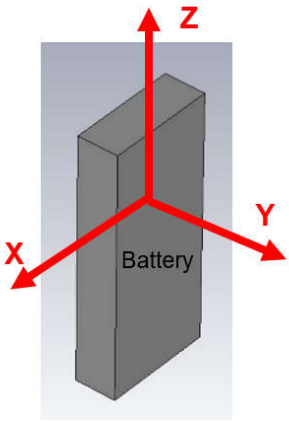
- S11 of antenna 9

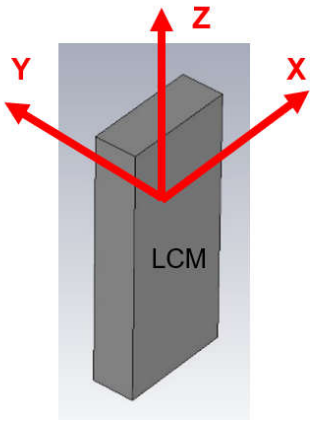


Antenna 9 Gain:

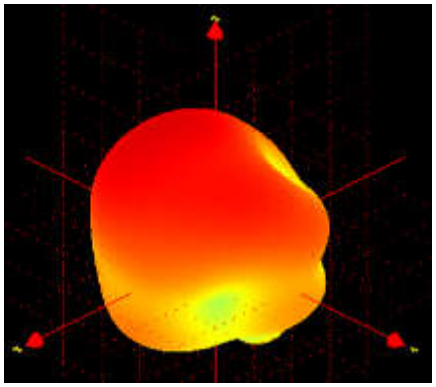
MHz	Average Gain (dBi)	Peak Gain (dBi)	UHIS
Ant9_WiFi1			
1160	-5.17		-7.53
1170	-4.91		-7.63
1180	-4.76		-7.20
1190	-4.53		-7.19
1200	-4.53		-7.12
1210	-4.72		-7.46
1220	-4.94		-7.34
1230	-5.17		-7.59
1240	-5.15		-7.60
1250	-5.25		-7.73
1260	-5.33		-7.71
2402	-3.31	0.86	
2442	-3.33	1.49	
2472	-3.53	1.65	
5150	-2.76	3.24	
5250	-2.21	3.83	
5350	-2.23	3.79	
5470	-2.17	3.11	
5725	-2.46	2.50	
5850	-2.53	1.56	
5925	-2.72	1.25	
6425	-2.77	0.85	
6525	-2.76	0.77	
6875	-3.31	-0.10	
7125	-4.22	-0.48	

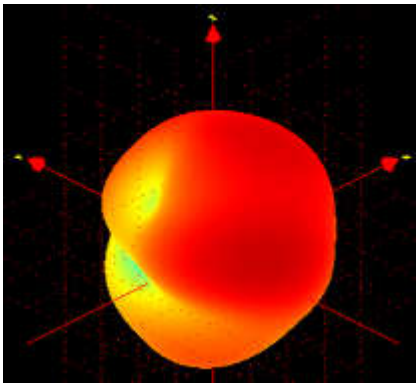
- Ant 9 3D Radiation Pattern



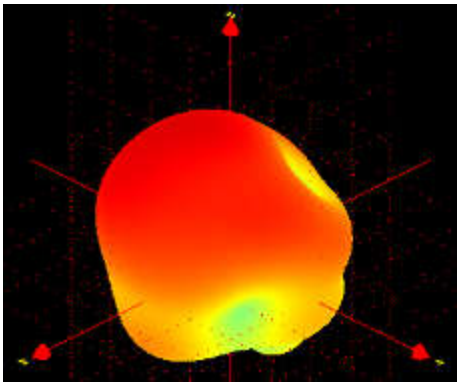


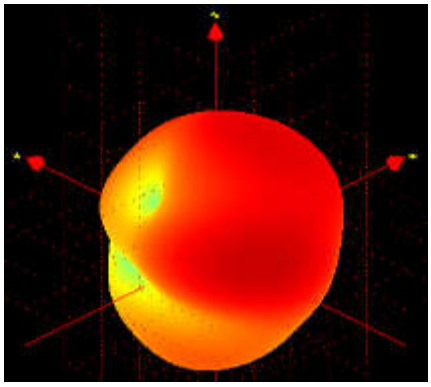
- 2402 MHz



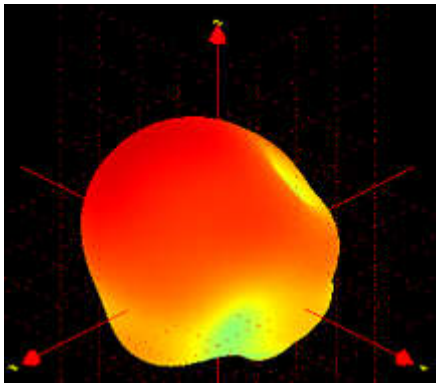


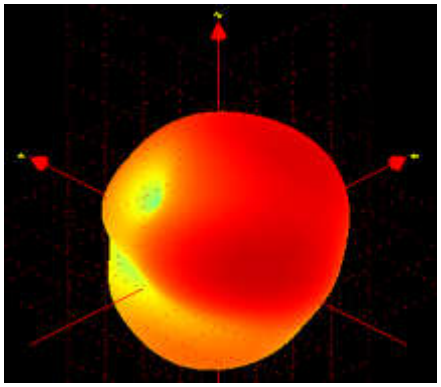
- 2442 MHz



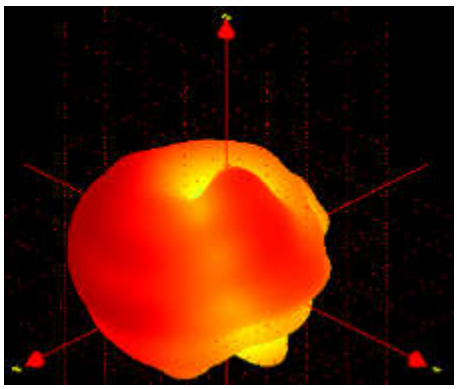


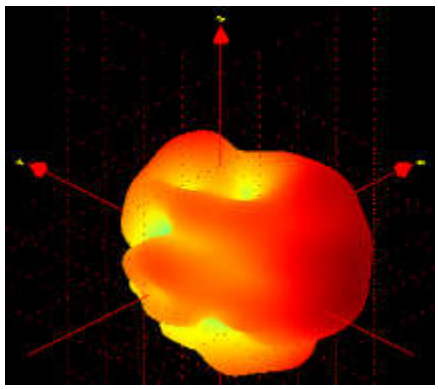
- 2472 MHz



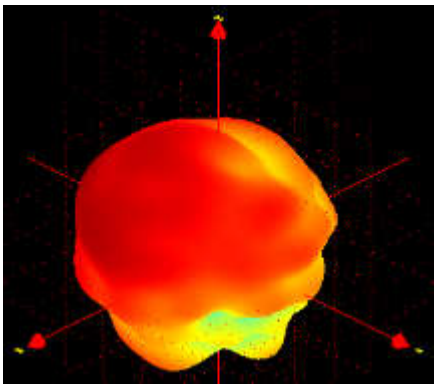


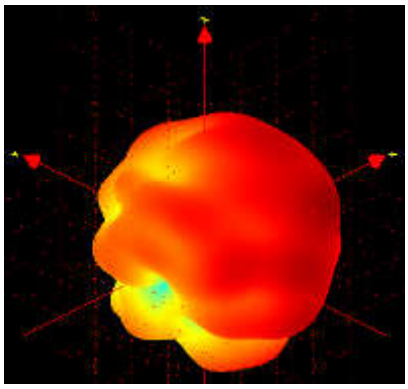
- 5150 MHz



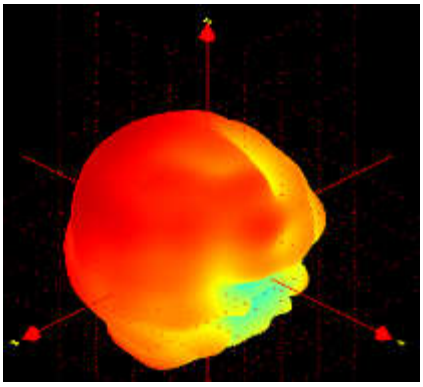
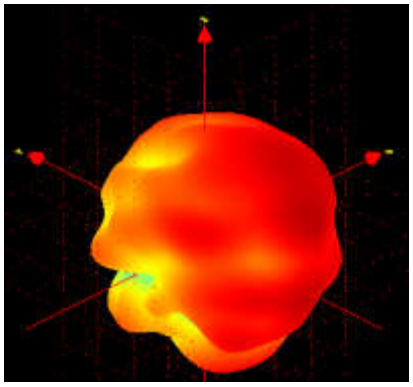


- 5470 MHz

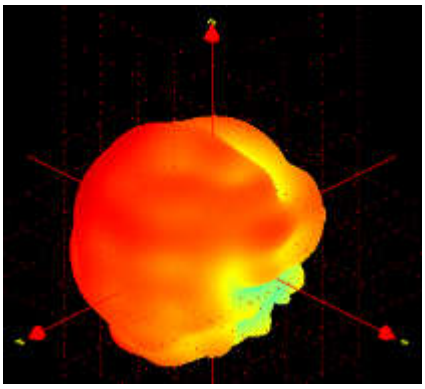
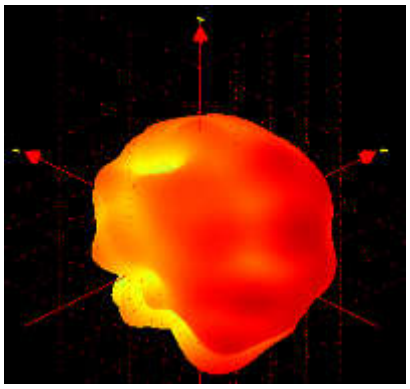




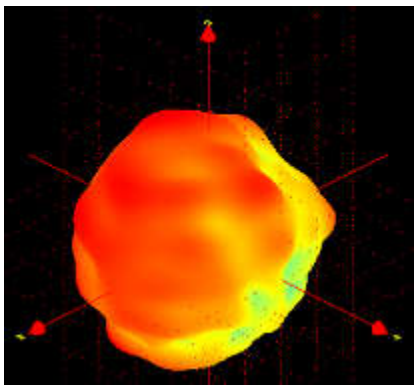
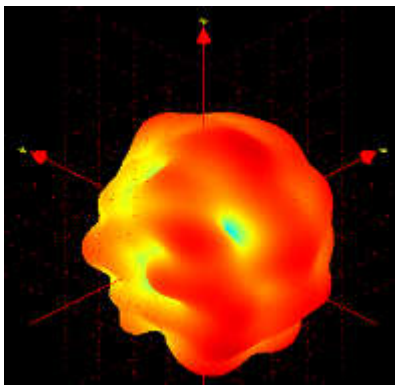
- 5850 MHz

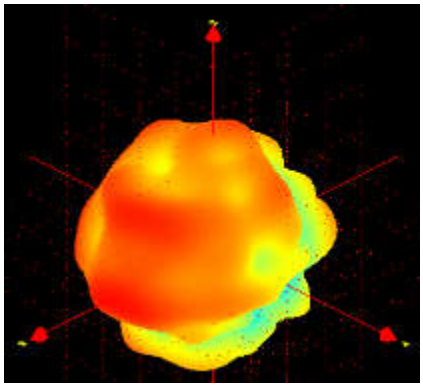
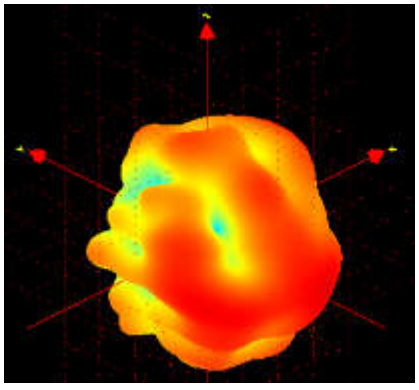
- 5925 MHz

- 6525 MHz

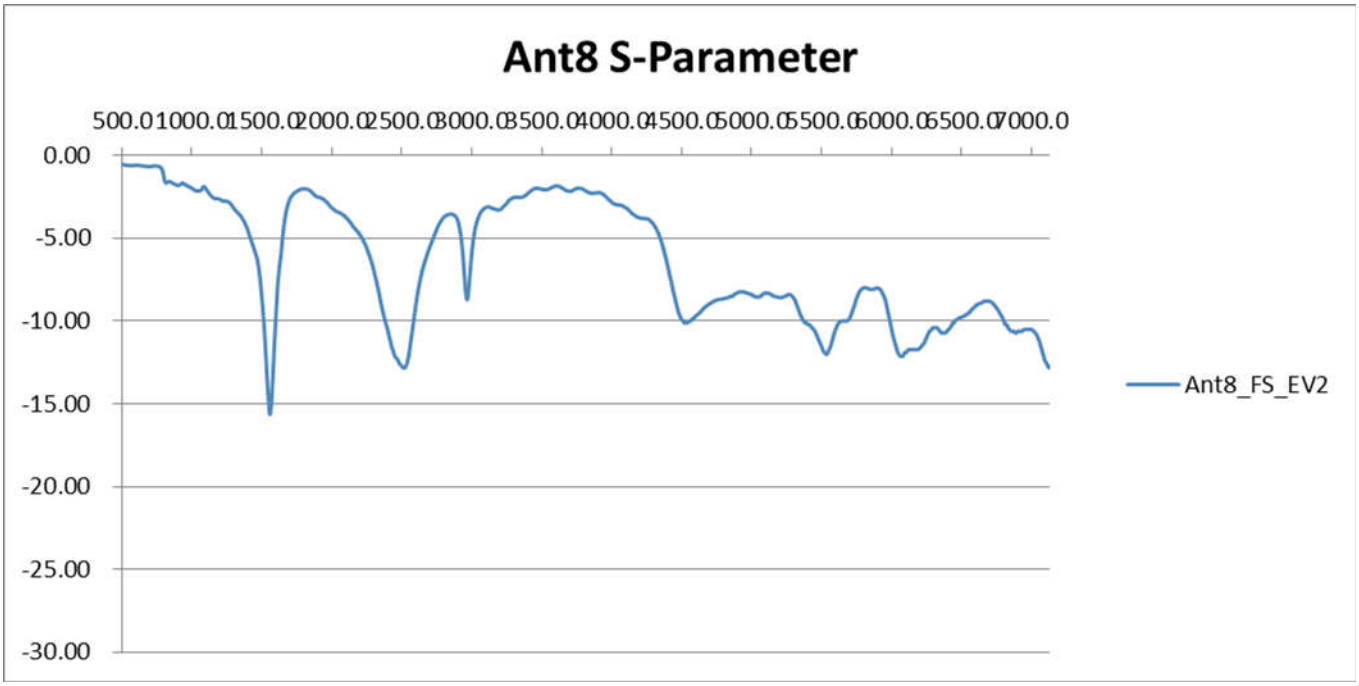
- 7125 MHz

- Description

Frequency Range	1560~1610,2400~2500,5150~7150MHz
Impedance	50Ω
Return Loss	As shown below S11
Antenna type	Coupling
Process	LDS

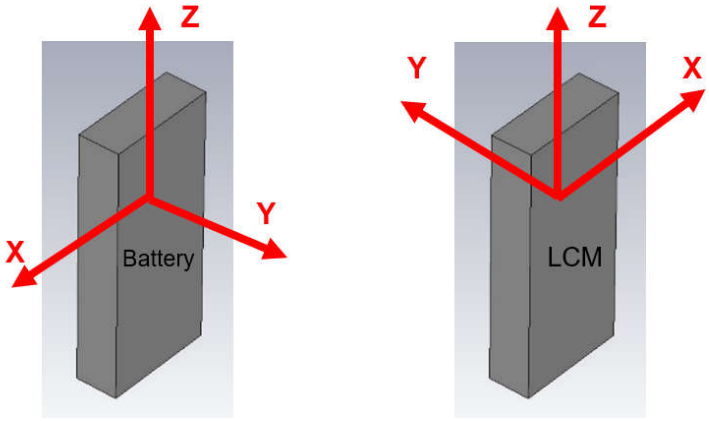
- S11 of antenna 8



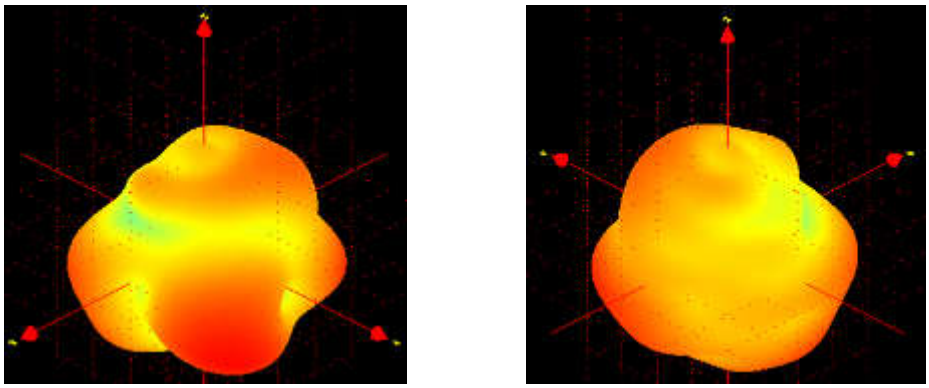
- Antenna 8 Gain

MHz	Average Gain (dBi)	Peak Gain (dBi)	UHIS
Ant8_WiFi2			
1560	-3.24		-5.70
1570	-2.98		-5.78
1580	-2.91		-5.84
1590	-3.04		-5.58
1600	-3.27		-5.88
1610	-3.44		-6.01
2402	-3.53	-0.60	
2442	-3.44	-1.21	
2472	-3.69	-1.38	
5150	-3.40	0.12	
5250	-3.19	1.02	
5350	-2.66	1.47	
5470	-2.80	1.43	
5725	-3.22	-0.13	
5850	-3.37	-0.63	
5925	-3.61	-0.13	
6425	-3.73	0.42	
6525	-3.86	0.22	
6875	-3.92	-0.10	
7125	-3.86	0.10	

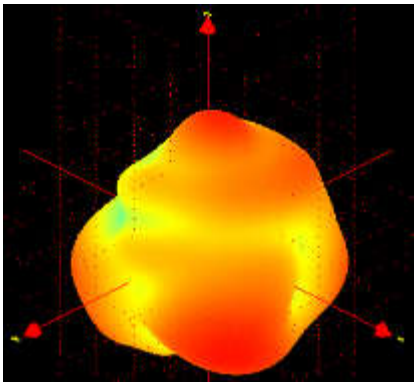
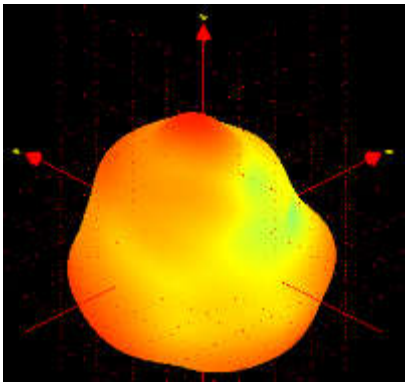
- Antenna 8 3D Radiation Pattern



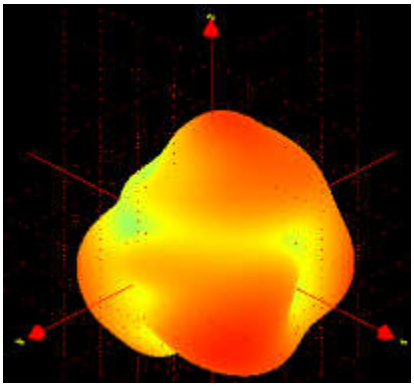
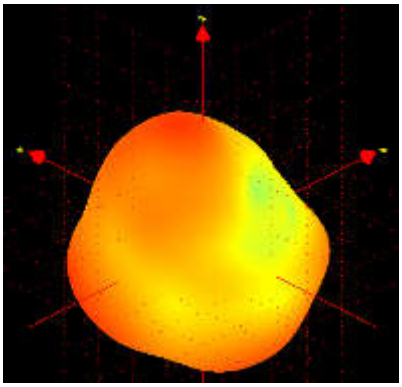
- 2402 MHz



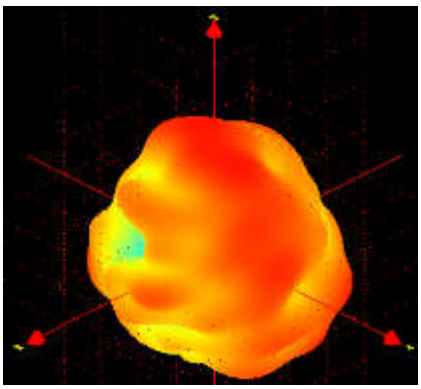
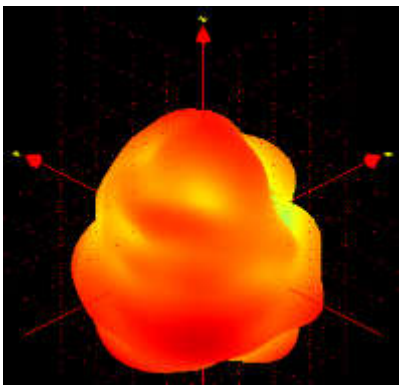
- 2442 MHz

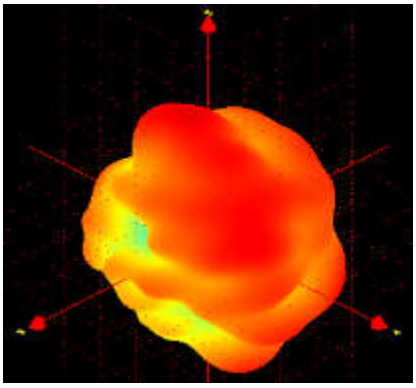
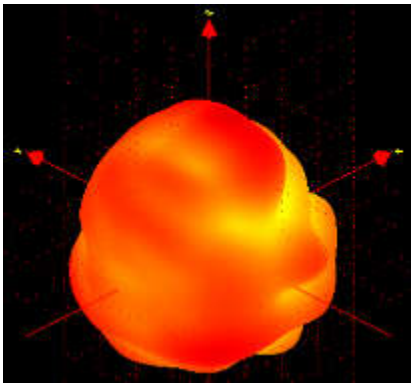
- 2472 MHz

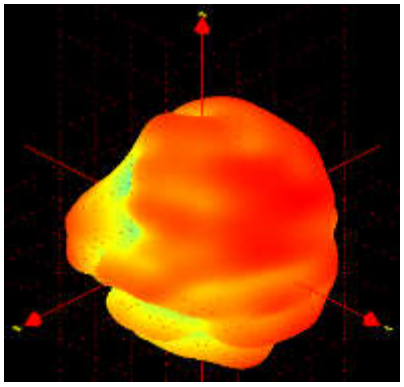
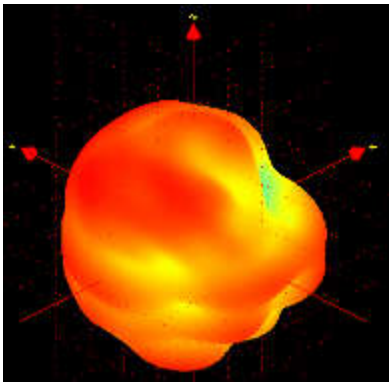
- 5150 MHz

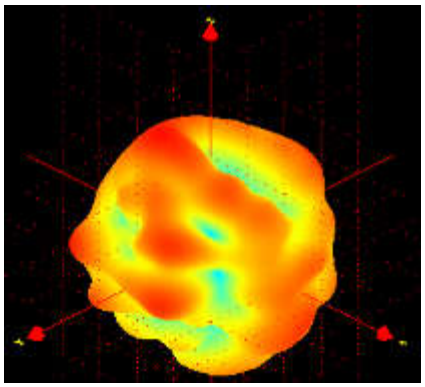
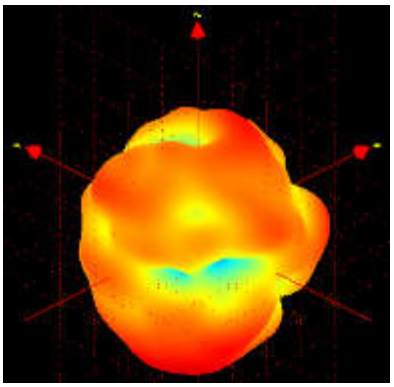
- 5470 MHz

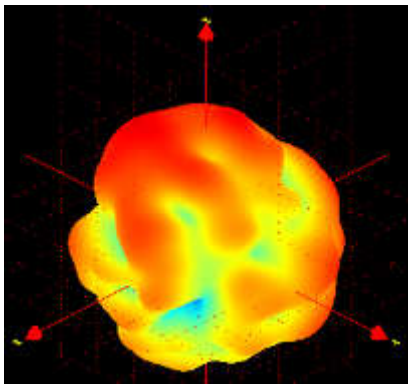
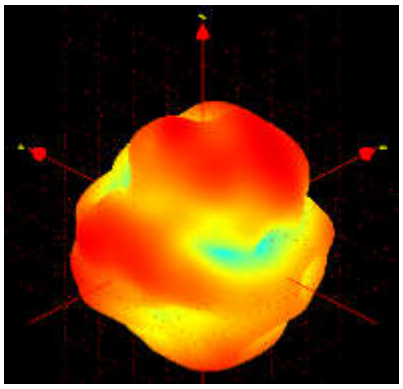
- 5850 MHz

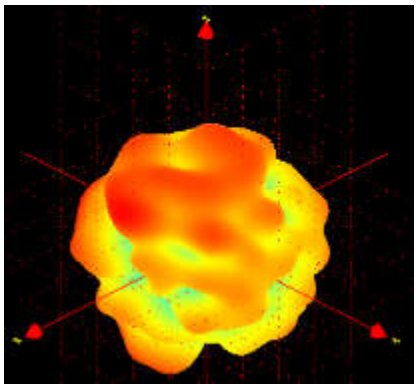
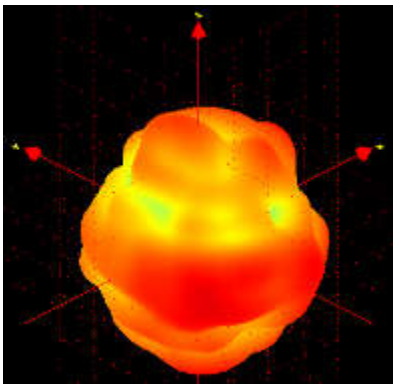
- 5925 MHz

- 6525 MHz

- 7125 MHz

List of calibrated test equipment

Agilent N5230A
Amphneol MVG-Satimo SG24

Calibration date: 2021/07/14